

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060920\
 Data File : BG045668.D
 Acq On : 9 Jun 2020 17:47
 Operator : CG/JU
 Sample : L2904-03MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VE-4-11MSD

Quant Time: Jun 09 19:17:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	75412	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	292075	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	192347	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	395117	20.00	ng	0.00
76) Chrysene-d12	21.60	240	355348	20.00	ng	0.00
87) Perylene-d12	24.75	264	379390	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	229693	59.52	ng	0.00
7) Phenol-d6	7.14	99	194442	35.40	ng	0.00
23) Nitrobenzene-d5	9.11	82	510705	95.35	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	330689	134.43	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	1060312	93.50	ng	0.00
79) Terphenyl-d14	19.96	244	1500412	98.48	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.41	88	24097	12.593	ng	93
3) Pyridine	3.82	79	37493	7.035	ng	94
4) n-Nitrosodimethylamine	3.73	42	25876	14.838	ng	# 79
6) Aniline	7.28	93	92773	12.940	ng	96
8) 2-Chlorophenol	7.52	128	161982	38.279	ng	99
9) Benzaldehyde	7.09	77	92252	25.781	ng	96
10) Phenol	7.17	94	72886	12.876	ng	93
11) bis(2-Chloroethyl)ether	7.37	93	188721	42.744	ng	98
12) 1,3-Dichlorobenzene	7.84	146	192558	37.866	ng	97
13) 1,4-Dichlorobenzene	7.99	146	192122	38.283	ng	99
14) 1,2-Dichlorobenzene	8.30	146	184215	38.166	ng	98
15) Benzyl Alcohol	8.19	79	112430	24.780	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.48	45	172335	41.120	ng	98
17) 2-Methylphenol	8.42	107	113994	26.906	ng	98
18) Hexachloroethane	9.03	117	72325	37.629	ng	91
19) n-Nitroso-di-n-propylamine	8.76	70	169472	44.622	ng	99
20) 3+4-Methylphenols	8.74	107	135061	23.410	ng	94
22) Acetophenone	8.77	105	302778	43.738	ng	# 97
24) Nitrobenzene	9.16	77	250664	43.681	ng	97
25) Isophorone	9.68	82	457217	43.346	ng	98
26) 2-Nitrophenol	9.87	139	111676	45.493	ng	94
27) 2,4-Dimethylphenol	9.94	122	160824	44.172	ng	93
28) bis(2-Chloroethoxy)methane	10.16	93	252508	45.646	ng	98
29) 2,4-Dichlorophenol	10.42	162	187473	43.604	ng	98
30) 1,2,4-Trichlorobenzene	10.62	180	219424	43.190	ng	100
31) Naphthalene	10.81	128	587631	43.175	ng	99
32) Benzoic acid	10.08	122	22656	17.261	ng	94
33) 4-Chloroaniline	10.92	127	78707	13.834	ng	94
34) Hexachlorobutadiene	11.09	225	146673	40.842	ng	97
35) Caprolactam	11.72	113	7727	4.896	ng	88
36) 4-Chloro-3-methylphenol	12.06	107	191221	39.469	ng	96
37) 2-Methylnaphthalene	12.42	142	452695	44.625	ng	98
38) 1-Methylnaphthalene	12.42	142	452695	47.241	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	256931	47.823	ng	99

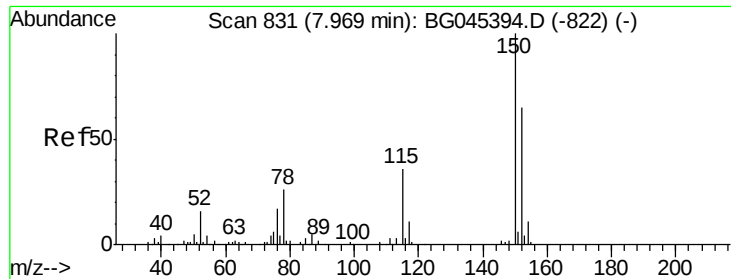
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060920\
 Data File : BG045668.D
 Acq On : 9 Jun 2020 17:47
 Operator : CG/JU
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Quant Time: Jun 09 19:17:15 2020
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	295374	95.253	nq	98
43) 2,4,6-Trichlorophenol	13.03	196	171017	45.823	nq	97
44) 2,4,5-Trichlorophenol	13.11	196	171809	40.285	nq	98
46) 1,1'-Biphenyl	13.43	154	567127	47.985	nq	99
47) 2-Chloronaphthalene	13.47	162	423382	44.114	nq	98
48) 2-Nitroaniline	13.68	65	138055	43.730	nq	91
49) Acenaphthylene	14.31	152	687803	44.617	nq	100
50) Dimethylphthalate	14.05	163	703546	53.320	nq	98
51) 2,6-Dinitrotoluene	14.17	165	128547	43.174	nq	100
52) Acenaphthene	14.66	154	404930	39.241	nq	97
53) 3-Nitroaniline	14.51	138	60901	20.121	nq	89
54) 2,4-Dinitrophenol	14.71	184	146360	75.379	nq	96
55) Dibenzofuran	14.99	168	666189	43.474	nq	97
56) 4-Nitrophenol	14.87	139	43943	19.177	nq	87
57) 2,4-Dinitrotoluene	14.96	165	175104	40.608	nq	96
58) Fluorene	15.65	166	533680	42.391	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.23	232	158533	42.252	nq	96
60) Diethylphthalate	15.41	149	557051	40.561	nq	100
61) 4-Chlorophenyl-phenylether	15.63	204	301602	41.865	nq	98
62) 4-Nitroaniline	15.67	138	94724	29.978	nq	96
63) Azobenzene	15.93	77	542695	42.379	nq	98
65) 4,6-Dinitro-2-methylphenol	15.73	198	112425	48.856	nq	96
66) n-Nitrosodiphenylamine	15.85	169	472101	49.764	nq	96
67) 4-Bromophenyl-phenylether	16.53	248	201484	47.093	nq	92
68) Hexachlorobenzene	16.66	284	218039	48.725	nq	98
69) Atrazine	16.82	200	148806	38.082	nq	98
70) Pentachlorophenol	17.01	266	224801	96.749	nq	99
71) Phenanthrene	17.39	178	794959	46.087	nq	99
72) Anthracene	17.47	178	827932	47.796	nq	98
73) Carbazole	17.75	167	722080	42.765	nq	99
74) Di-n-butylphthalate	18.31	149	847323	41.810	nq	98
75) Fluoranthene	19.40	202	908693	41.418	nq	99
78) Pyrene	19.76	202	921807	45.507	nq	99
80) Butylbenzylphthalate	20.65	149	363793	41.608	nq	95
81) Benzo(a)anthracene	21.59	228	892511	45.087	nq	99
83) Chrysene	21.65	228	851858	44.755	nq	98
84) Bis(2-ethylhexyl)phthalate	21.50	149	509353	42.380	nq	98
85) Di-n-octyl phthalate	22.68	149	841021	40.742	nq	98
86) Indeno(1,2,3-cd)pyrene	28.33	276	1119368	44.972	nq	# 96
88) Benzo(b)fluoranthene	23.76	252	932954	45.852	nq	99
89) Benzo(k)fluoranthene	23.82	252	873286	45.684	nq	97
90) Benzo(a)pyrene	24.61	252	846078	44.648	nq	99
91) Dibenzo(a,h)anthracene	28.39	278	924576	48.553	nq	98
92) Benzo(q,h,i)perylene	29.45	276	936236	49.159	nq	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

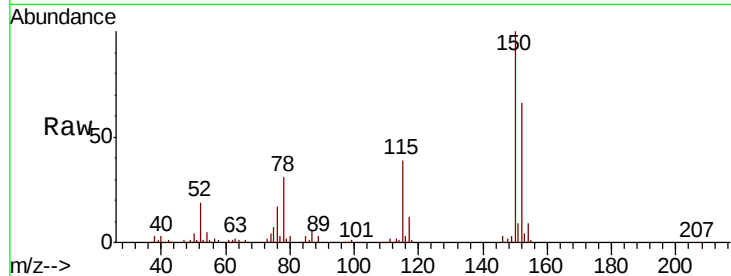


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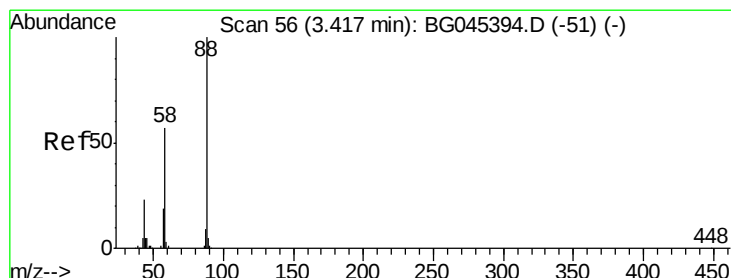
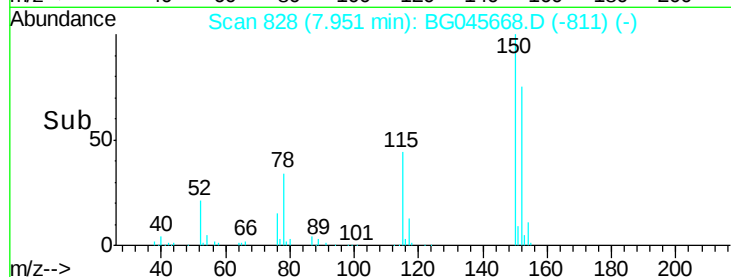
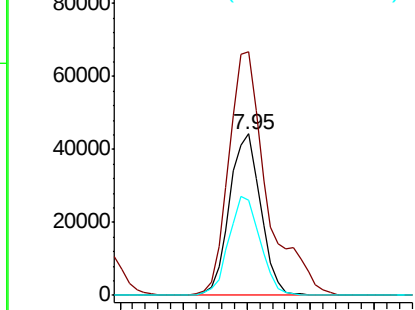
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG045668.D
Acq: 9 Jun 2020 17:47

Instrument :
BNA_G
ClientSampleId :
VE-4-11MSD

Tot Ion:152 Resp: 75412
Ion Ratio Lower Upper
152 100
150 150.7 122.4 183.6
115 58.5 44.2 66.4



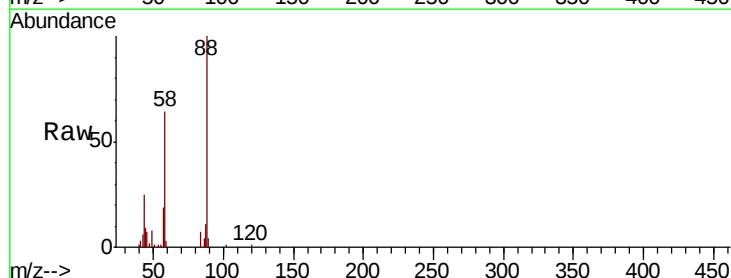
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



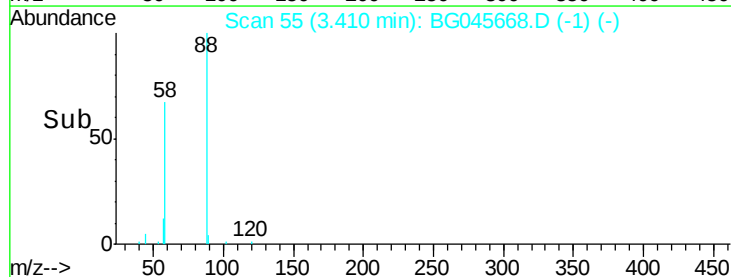
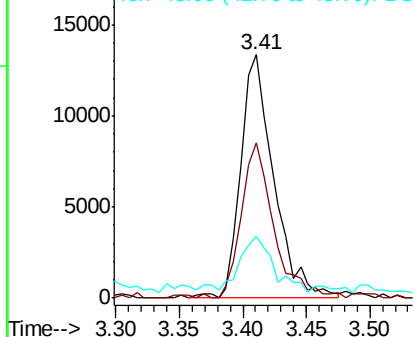
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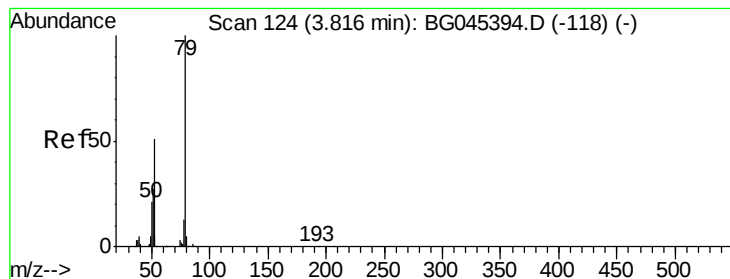
1,4-Dioxane
Concen: 12.593 ng
RT: 3.41 min Scan# 55
Delta R.T. 0.01 min
Lab File: BG045668.D
Acq: 9 Jun 2020 17:47

Tgt Ion: 88 Resp: 24097
Ion Ratio Lower Upper
88 100
58 62.5 45.7 68.5
43 24.3 16.8 25.2



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 7.035 ng

RT: 3.82 min Scan# 124

Delta R.T. 0.01 min

Lab File: BG045668.D

Acq: 9 Jun 2020 17:47

Instrument :

BNA_G

ClientSampleId :

VE-4-11MSD

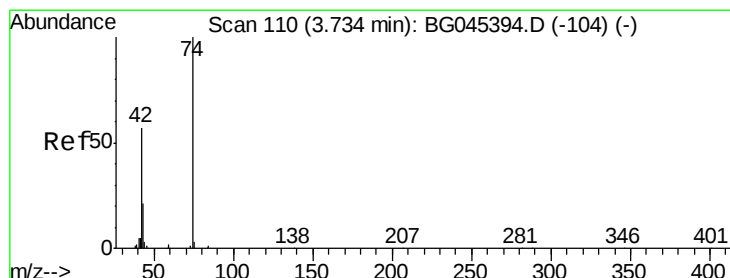
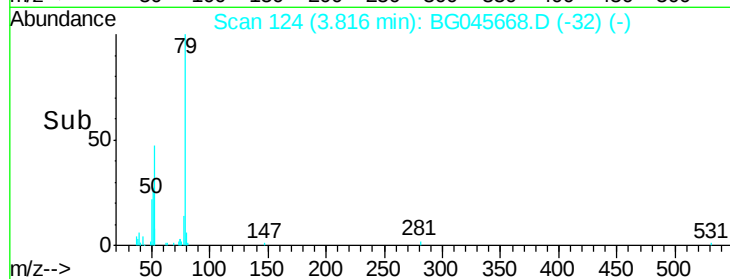
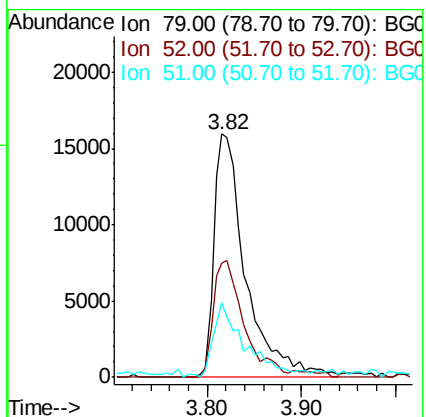
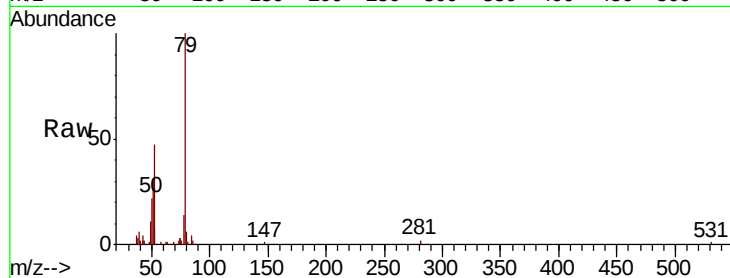
Tot Ion: 79 Resp: 37493

Ion Ratio Lower Upper

79 100

52 47.1 40.8 61.2

51 30.7 21.9 32.9



#4

n-Nitrosodimethylamine

Concen: 14.838 ng

RT: 3.73 min Scan# 109

Delta R.T. 0.02 min

Lab File: BG045668.D

Acq: 9 Jun 2020 17:47

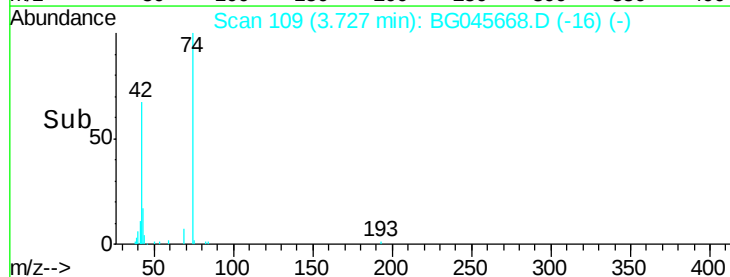
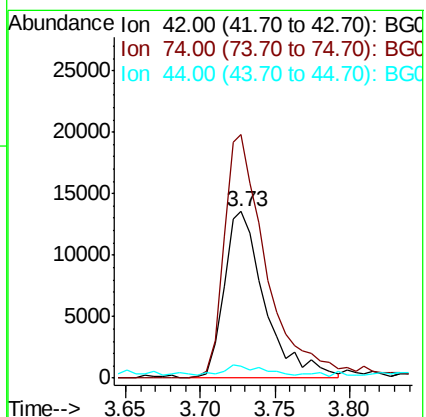
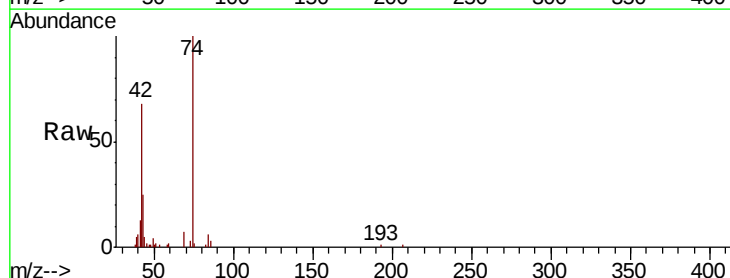
Tgt Ion: 42 Resp: 25876

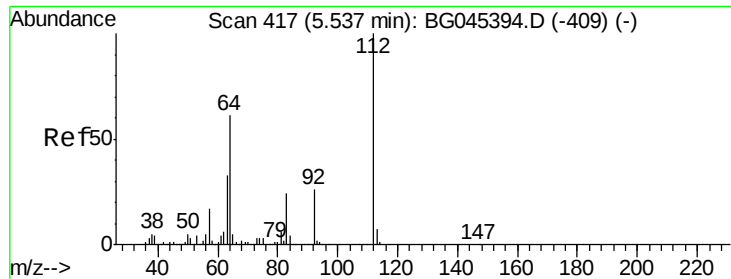
Ion Ratio Lower Upper

42 100

74 146.2 141.3 211.9

44 7.0 4.2 6.4#





#5

2-Fluorophenol

Concen: 59.525 ng

RT: 5.54 min Scan# 418

Delta R.T. 0.01 min

Lab File: BG045668.D

Acq: 9 Jun 2020 17:47

Instrument :

BNA_G

ClientSampleId :

VE-4-11MSD

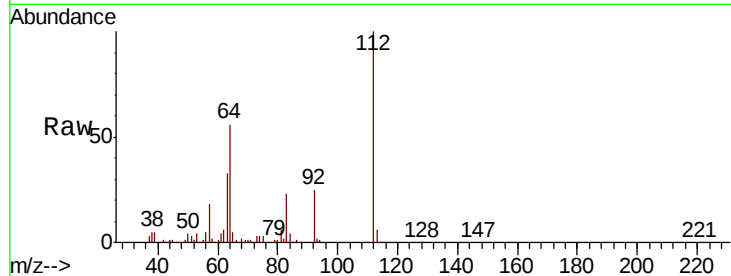
Tot Ion:112 Resp: 229693

Ion Ratio Lower Upper

112 100

64 56.2 48.6 72.8

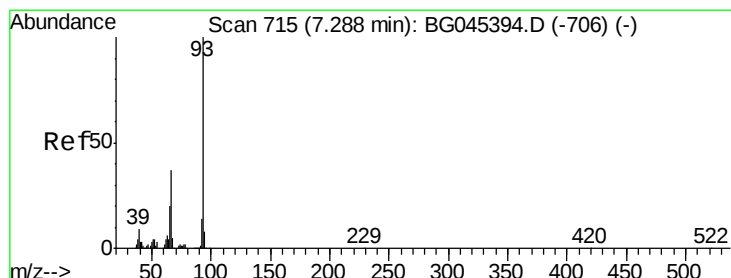
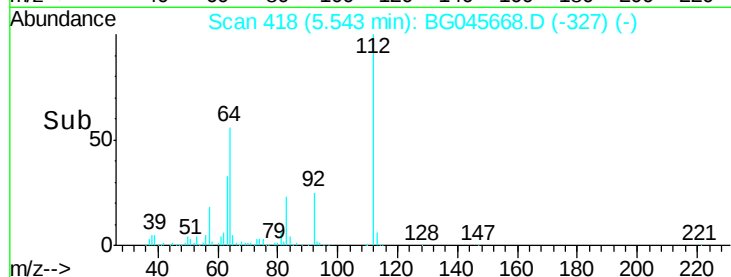
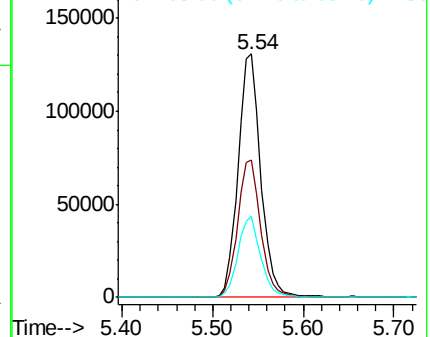
63 33.4 26.5 39.7



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 12.940 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.00 min

Lab File: BG045668.D

Acq: 9 Jun 2020 17:47

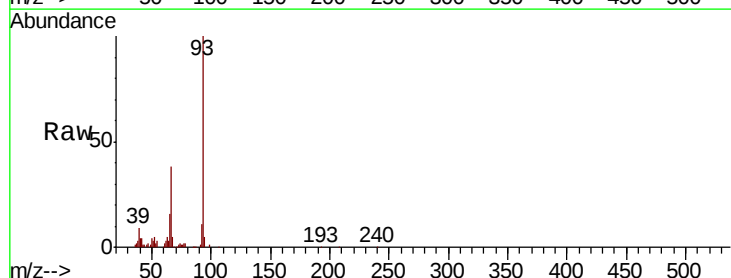
Tgt Ion: 93 Resp: 92773

Ion Ratio Lower Upper

93 100

66 37.9 29.6 44.4

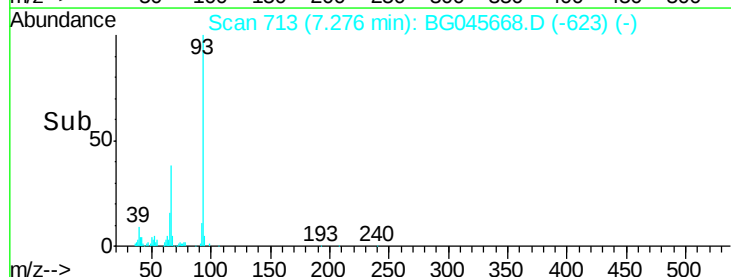
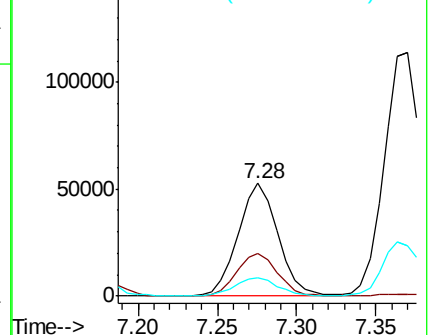
65 16.5 15.9 23.9

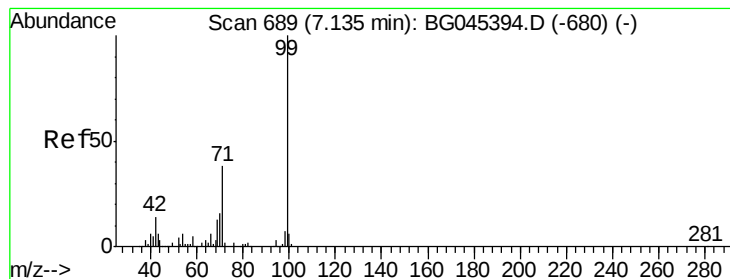


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 35.403 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG045668.D

Acq: 9 Jun 2020 17:47

Instrument :

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ClientSampleId :

VE-4-11MSD

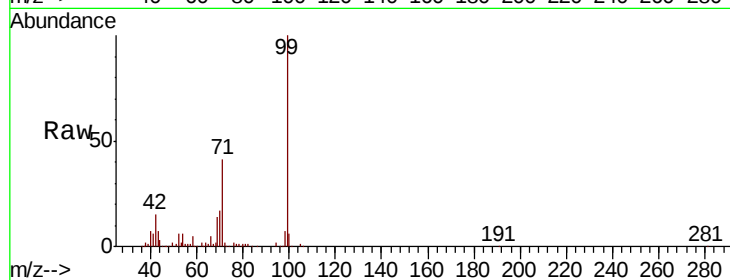
Tot Ion: 99 Resp: 194442

Ion Ratio Lower Upper

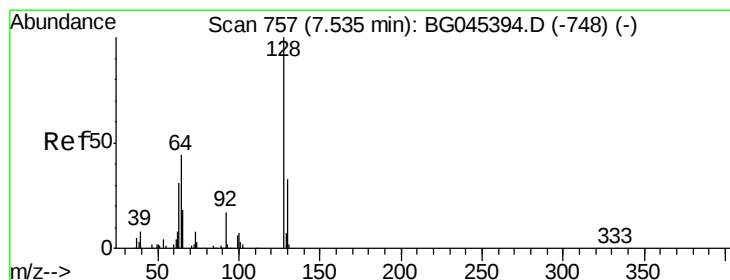
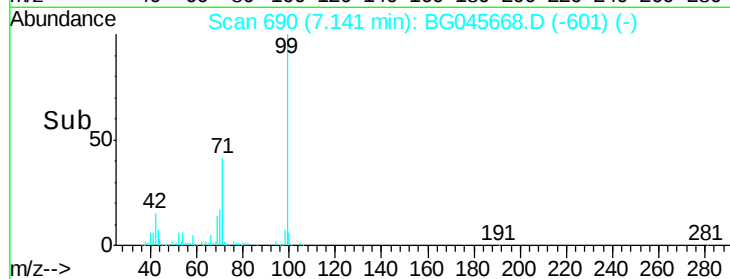
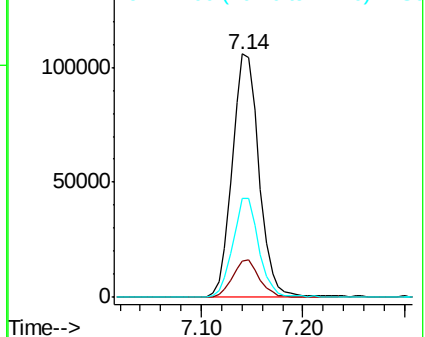
99 100

42 15.1 11.3 16.9

71 40.5 30.8 46.2



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 38.279 ng

RT: 7.52 min Scan# 755

Delta R.T. -0.01 min

Lab File: BG045668.D

Acq: 9 Jun 2020 17:47

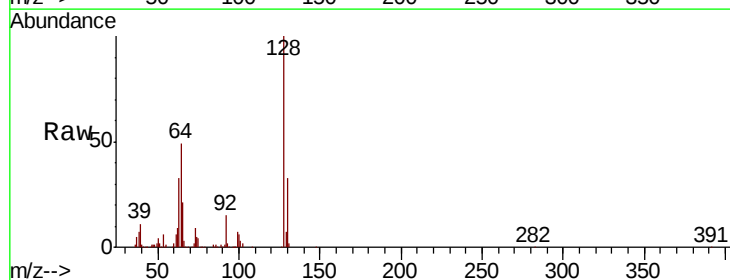
Tgt Ion:128 Resp: 161982

Ion Ratio Lower Upper

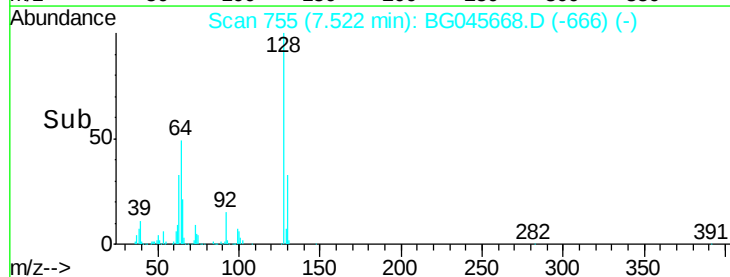
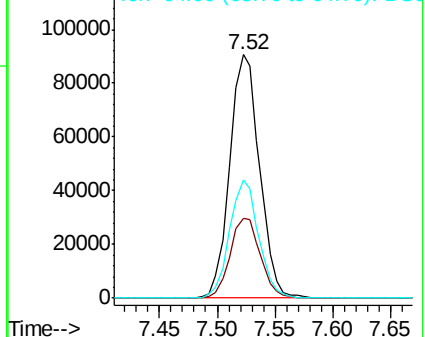
128 100

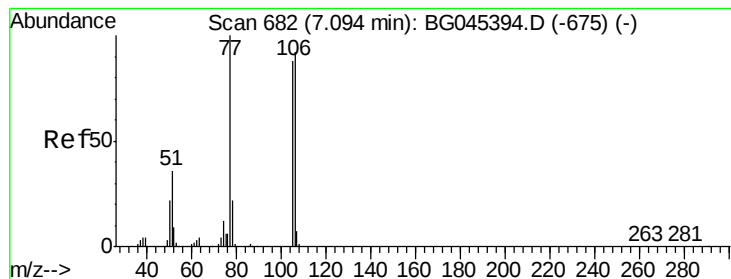
130 32.6 12.6 52.6

64 48.5 27.0 67.0



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 25.781 ng

RT: 7.09 min Scan# 681

Delta R.T. 0.01 min

Lab File: BG045668.D

Acq: 9 Jun 2020 17:47

Instrument :

BNA_G

ClientSampleId :

VE-4-11MSD

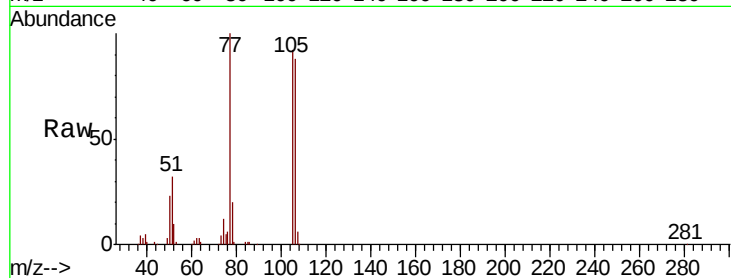
Tot Ion: 77 Resp: 92252

Ion Ratio Lower Upper

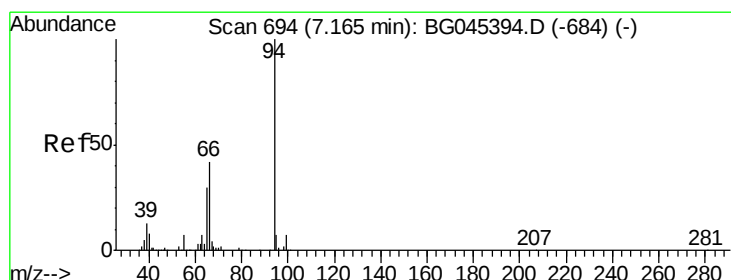
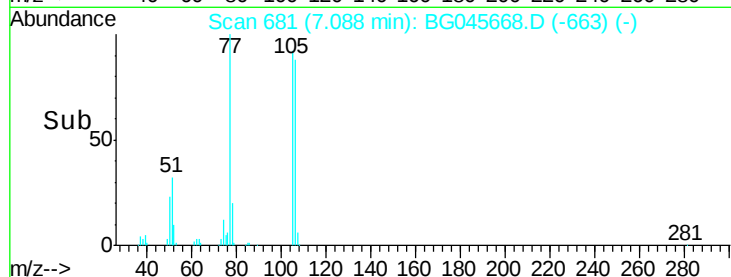
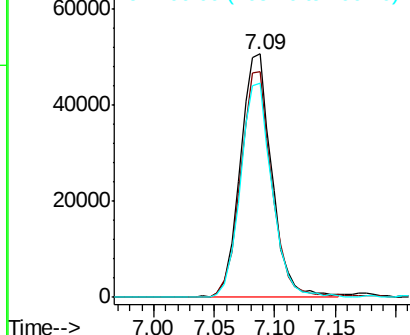
77 100

105 92.5 68.5 108.5

106 88.0 71.6 111.6



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 12.876 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.01 min

Lab File: BG045668.D

Acq: 9 Jun 2020 17:47

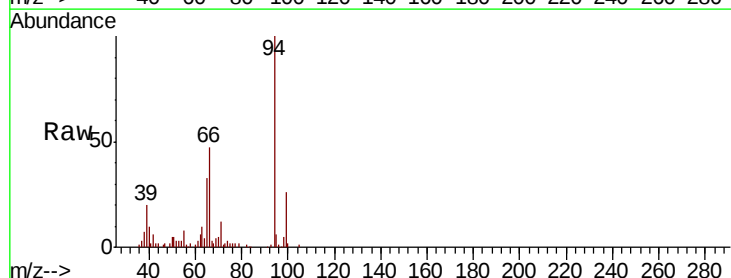
Tgt Ion: 94 Resp: 72886

Ion Ratio Lower Upper

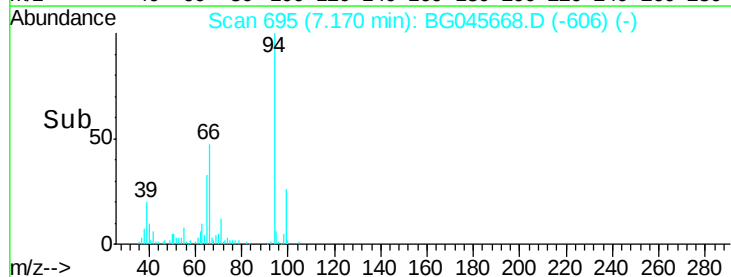
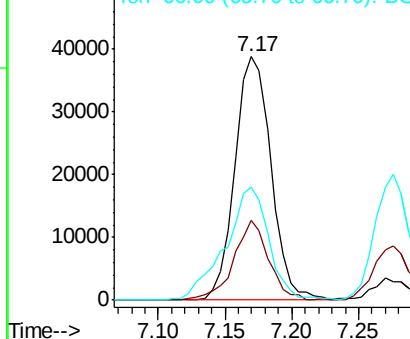
94 100

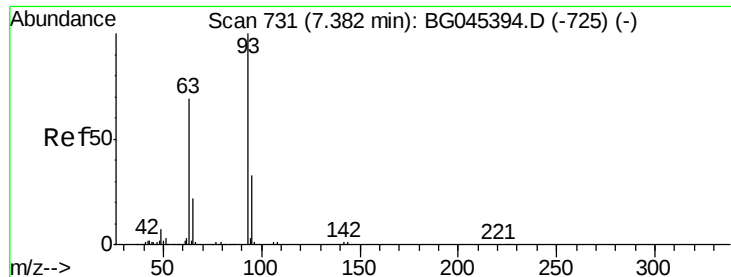
65 33.0 9.8 49.8

66 46.6 22.0 62.0



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

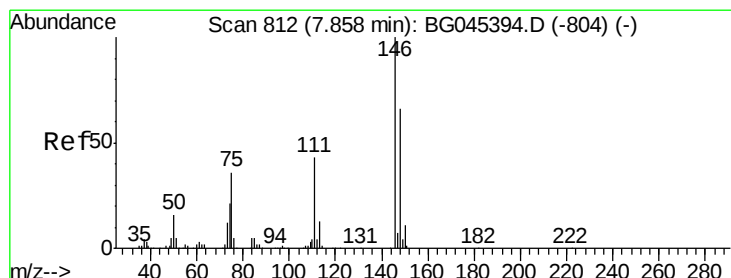
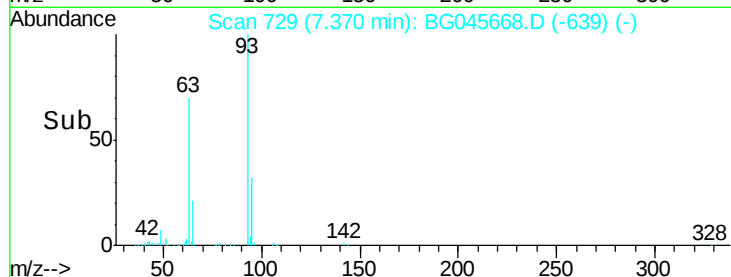
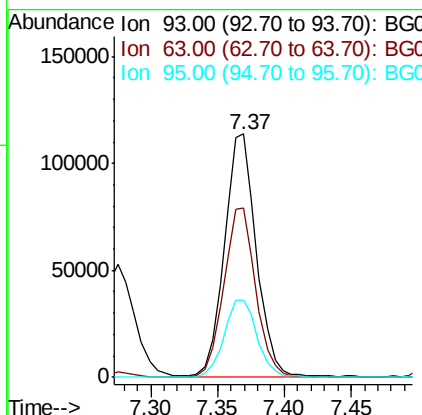
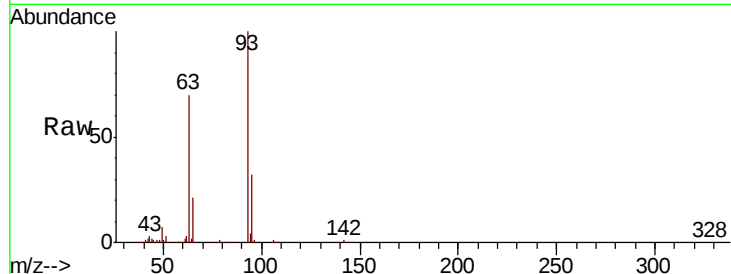




#11
bis(2-Chloroethyl)ether
Concen: 42.744 ng
RT: 7.37 min Scan# 729
Delta R.T. -0.00 min
Lab File: BG045668.D
Acq: 9 Jun 2020 17:47

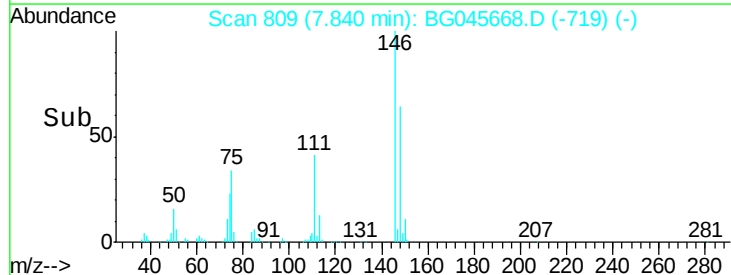
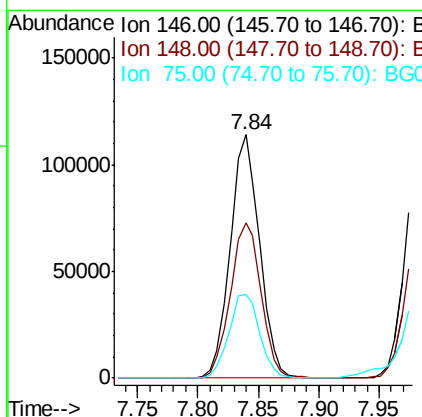
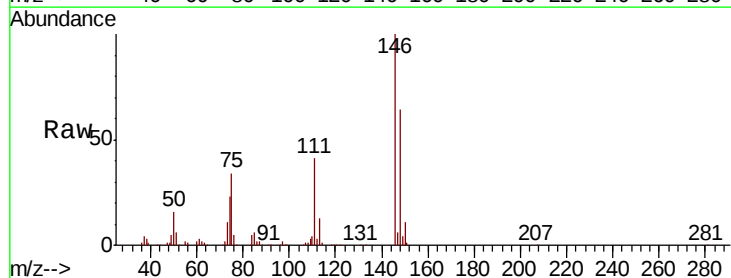
Instrument :
BNA_G
ClientSampleId :
VE-4-11MSD

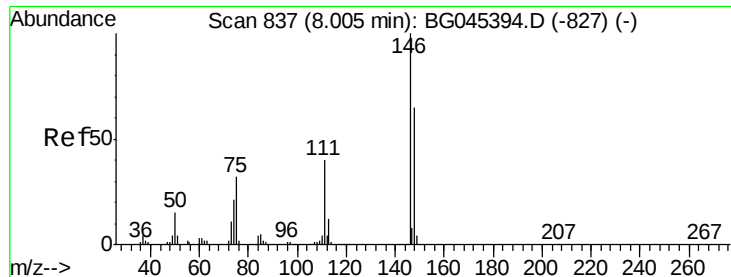
Tot Ion	Ratio	Lower	Upper
93	100		
63	69.7	48.4	88.4
95	31.7	12.4	52.4



#12
1,3-Dichlorobenzene
Concen: 37.866 ng
RT: 7.84 min Scan# 809
Delta R.T. -0.00 min
Lab File: BG045668.D
Acq: 9 Jun 2020 17:47

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	53.2	79.8
75	34.2	28.6	43.0

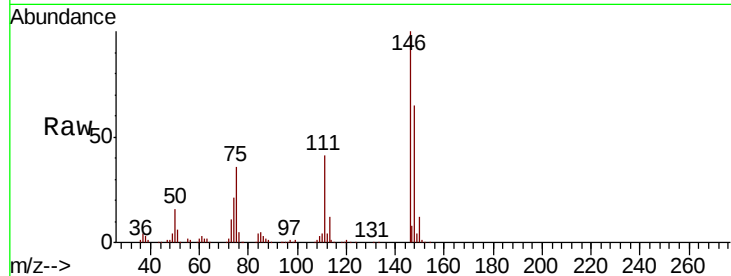




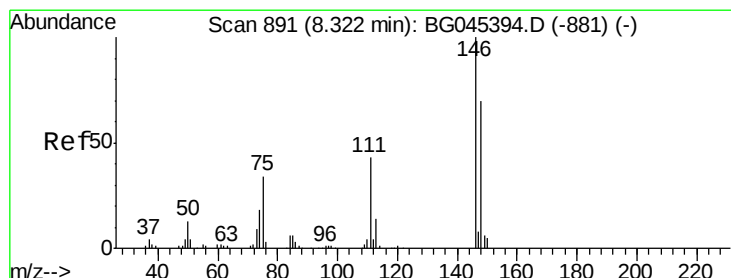
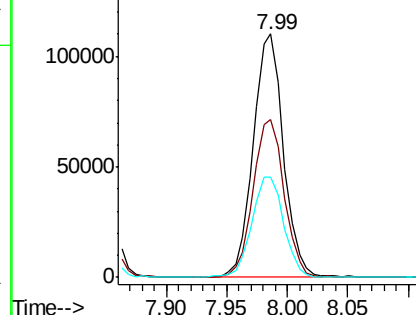
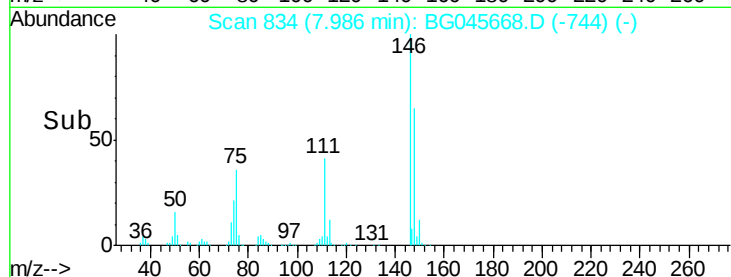
#13
 1,4-Dichlorobenzene
 Concen: 38.283 ng
 RT: 7.99 min Scan# 834
 Delta R.T. -0.00 min
 Lab File: BG045668.D
 Acq: 9 Jun 2020 17:47

Instrument :
 BNA_G
 ClientSampleID :
 VE-4-11MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.8	77.8
111	41.2	32.1	48.1

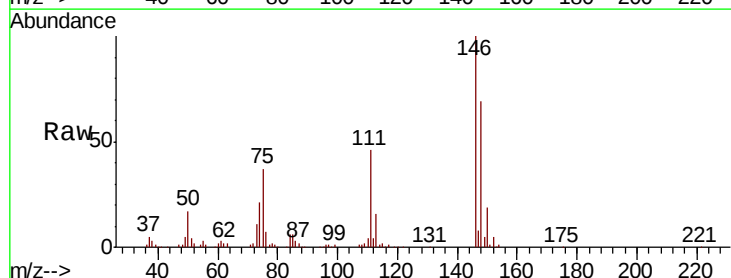


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

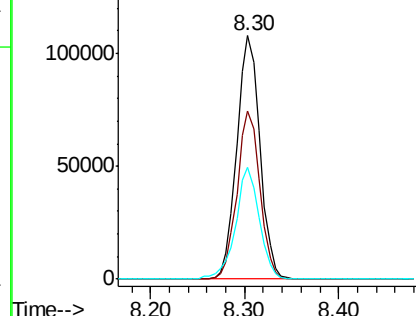
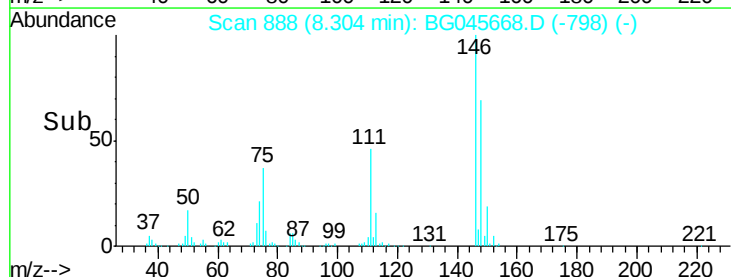


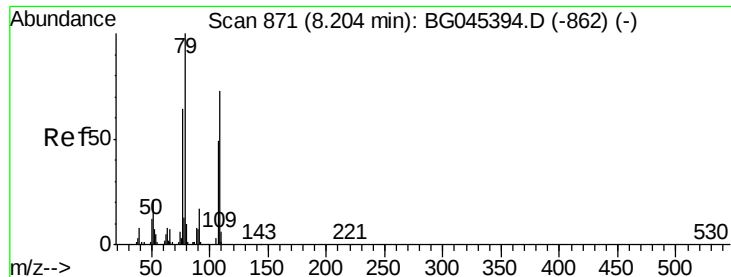
#14
 1,2-Dichlorobenzene
 Concen: 38.166 ng
 RT: 8.30 min Scan# 888
 Delta R.T. -0.00 min
 Lab File: BG045668.D
 Acq: 9 Jun 2020 17:47

Tgt Ion	Ratio	Lower	Upper
146	100		
148	69.1	55.9	83.9
111	45.8	35.0	52.4



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 24.780 ng

RT: 8.19 min Scan# 869

Delta R.T. -0.01 min

Lab File: BG045668.D

Acq: 9 Jun 2020 17:47

Instrument :

BNA_G

ClientSampleId :

VE-4-11MSD

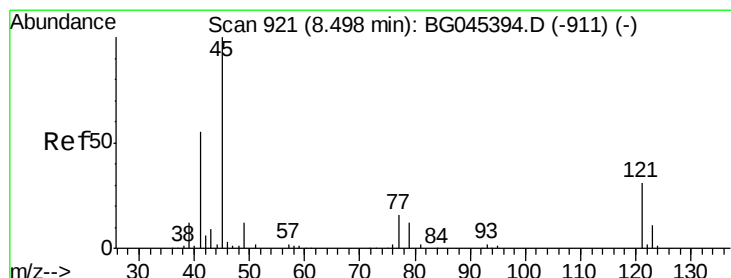
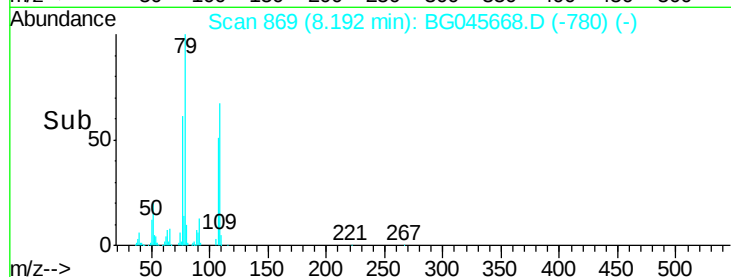
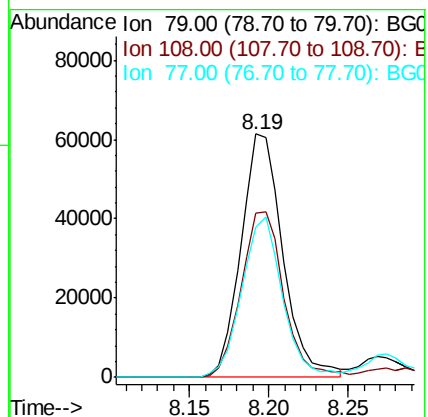
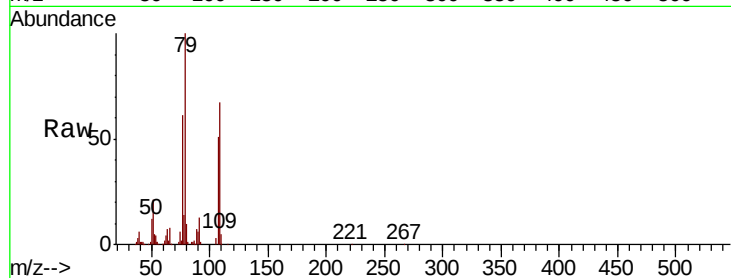
Tot Ion: 79 Resp: 112430

Ion Ratio Lower Upper

79 100

108 67.3 58.2 87.4

77 61.5 51.0 76.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.120 ng

RT: 8.48 min Scan# 918

Delta R.T. -0.00 min

Lab File: BG045668.D

Acq: 9 Jun 2020 17:47

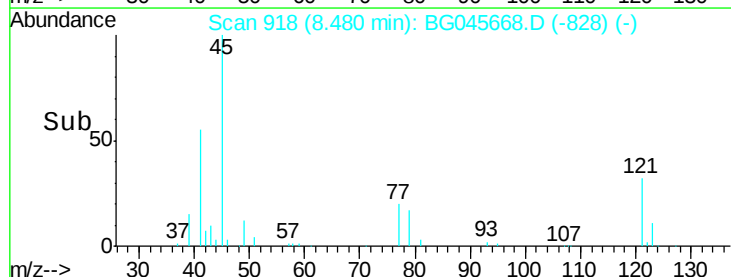
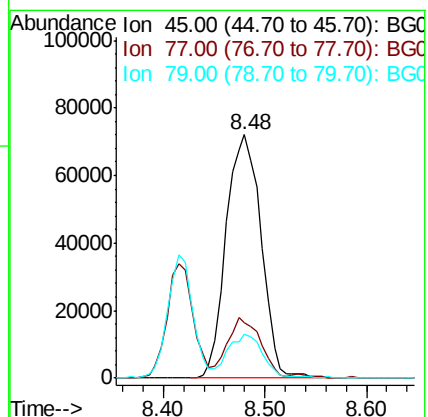
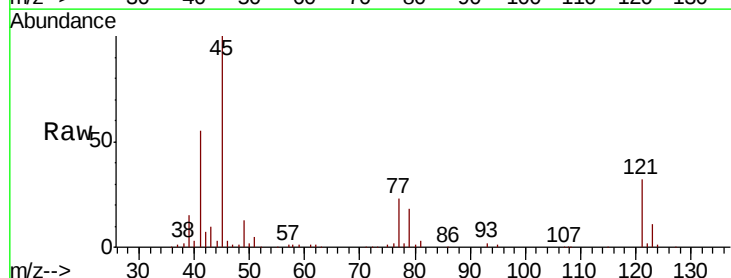
Tgt Ion: 45 Resp: 172335

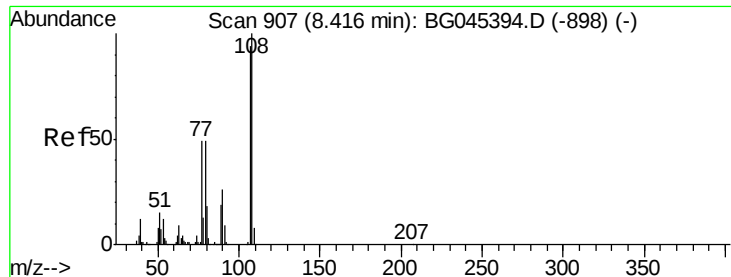
Ion Ratio Lower Upper

45 100

77 22.6 4.0 44.0

79 18.1 0.0 38.6





#17

2-Methylphenol

Concen: 26.906 ng

RT: 8.42 min Scan# 907

Delta R.T. -0.01 min

Lab File: BG045668.D

Acq: 9 Jun 2020 17:47

Instrument :

BNA_G

ClientSampleId :

VE-4-11MSD

Tot Ion:107 Resp: 113994

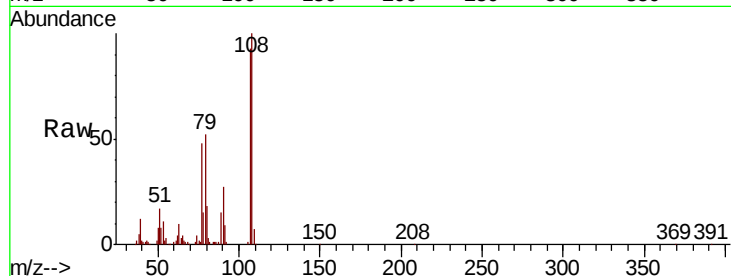
Ion Ratio Lower Upper

107 100

108 107.3 85.2 127.8

77 52.0 41.6 62.4

79 56.3 41.8 62.8

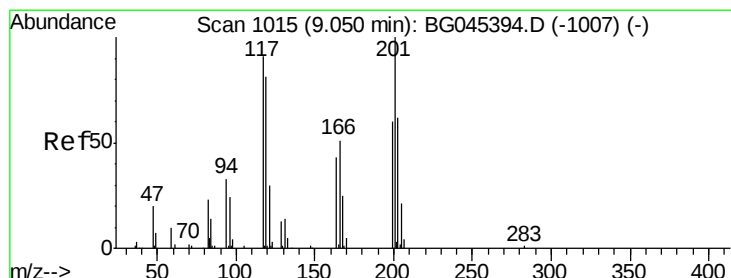
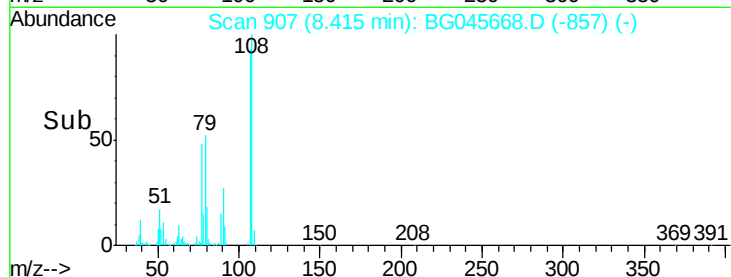
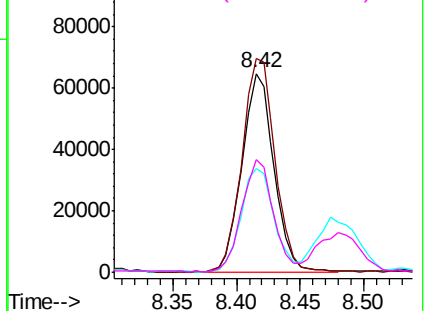


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 37.629 ng

RT: 9.03 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BG045668.D

Acq: 9 Jun 2020 17:47

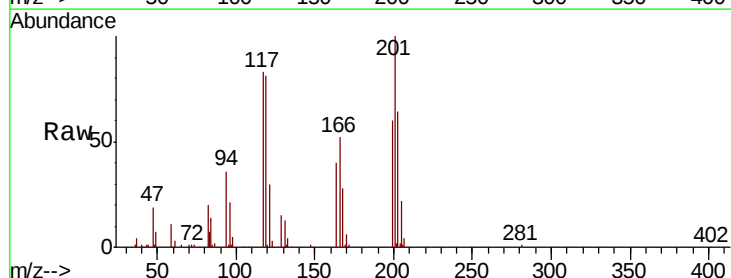
Tgt Ion:117 Resp: 72325

Ion Ratio Lower Upper

117 100

119 96.9 71.3 106.9

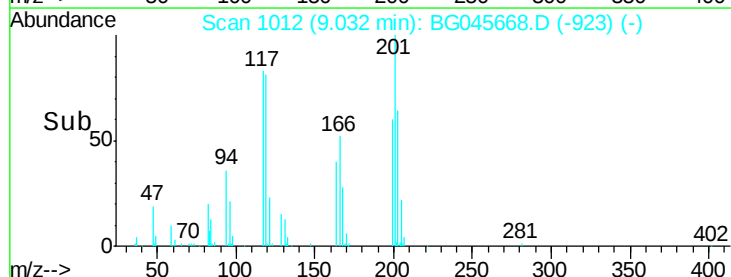
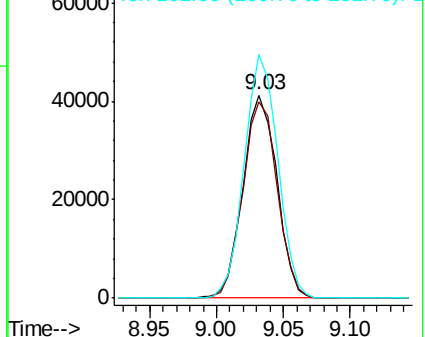
201 120.1 87.5 131.3

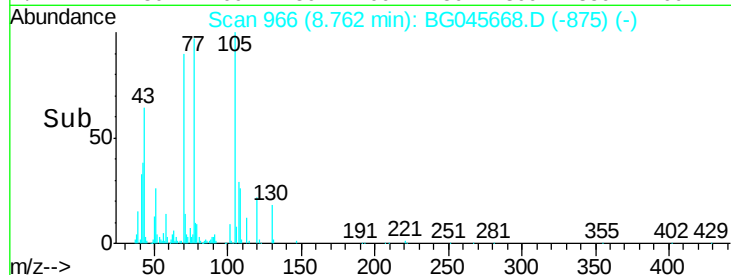
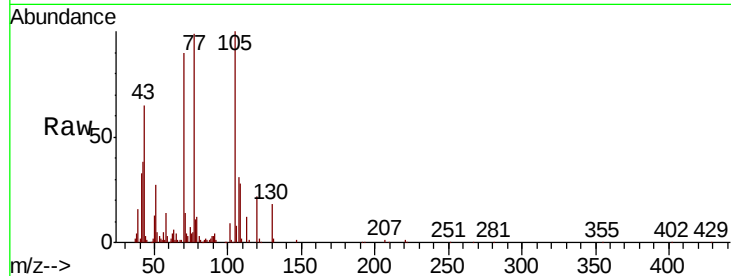
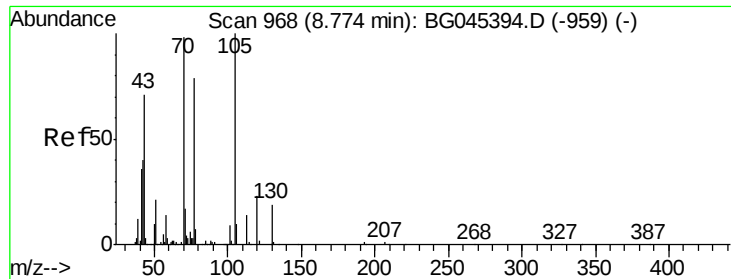


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

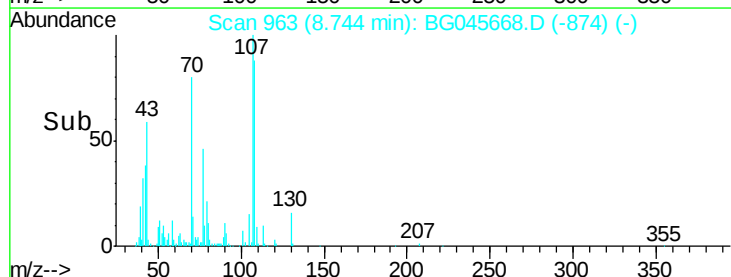
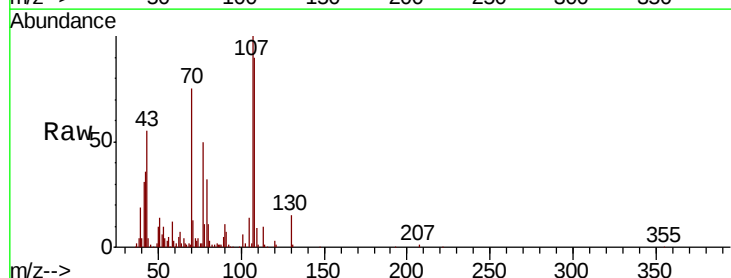
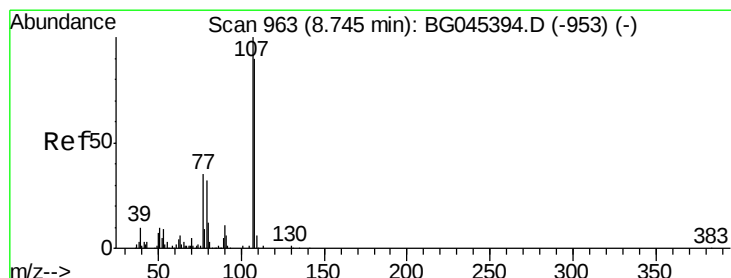
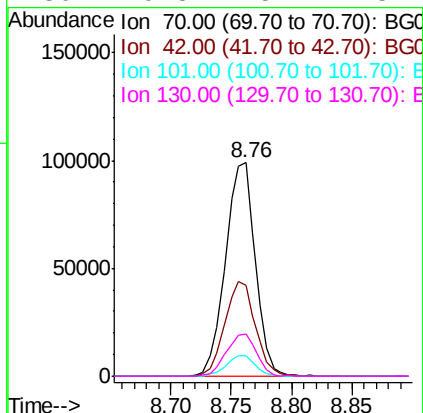




#19
n-Nitroso-di-n-propylamine
Concen: 44.622 ng
RT: 8.76 min Scan# 966
Delta R.T. 0.01 min
Lab File: BG045668.D
Acq: 9 Jun 2020 17:47

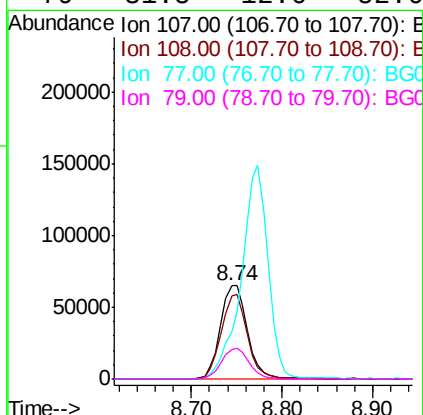
Instrument :
BNA_G
ClientSampleId :
VE-4-11MSD

Tot Ion: 70 Resp: 169472
Ion Ratio Lower Upper
70 100
42 42.7 33.2 49.8
101 9.6 7.8 11.6
130 19.8 15.4 23.2



#20
3+4-Methylphenols
Concen: 23.410 ng
RT: 8.74 min Scan# 963
Delta R.T. -0.01 min
Lab File: BG045668.D
Acq: 9 Jun 2020 17:47

Tgt Ion: 107 Resp: 135061
Ion Ratio Lower Upper
107 100
108 89.7 70.3 110.3
77 50.3 15.4 55.4
79 31.5 12.6 52.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.75 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BG045668.D

Acq: 9 Jun 2020 17:47

Instrument :

BNA_G

ClientSampleId :

VE-4-11MSD

Tot Ion:136 Resp: 292075

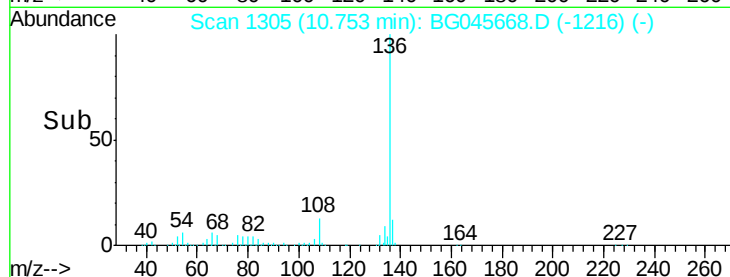
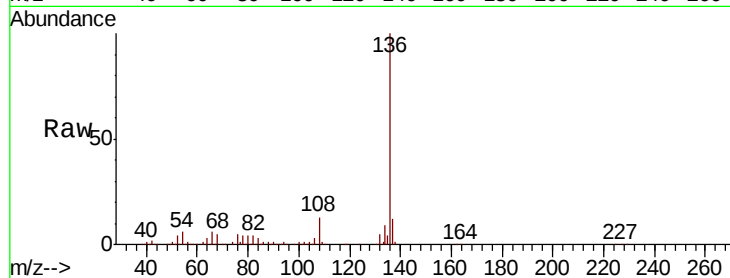
Ion Ratio Lower Upper

136 100

137 11.6 9.4 14.2

54 5.6 5.8 8.6#

68 4.7 4.5 6.7



Abundance Ion 136.00 (135.70 to 136.70): E

250000 Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

200000

150000

100000

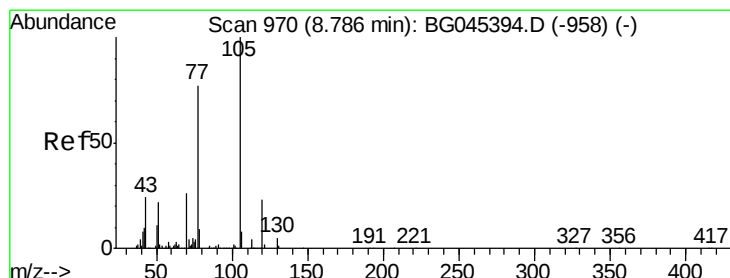
50000

0

10.75

10.80

Time-->



#22

Acetophenone

Concen: 43.738 ng

RT: 8.77 min Scan# 968

Delta R.T. -0.00 min

Lab File: BG045668.D

Acq: 9 Jun 2020 17:47

Tgt Ion:105 Resp: 302778

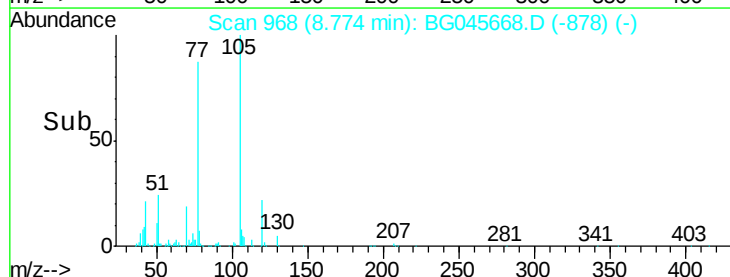
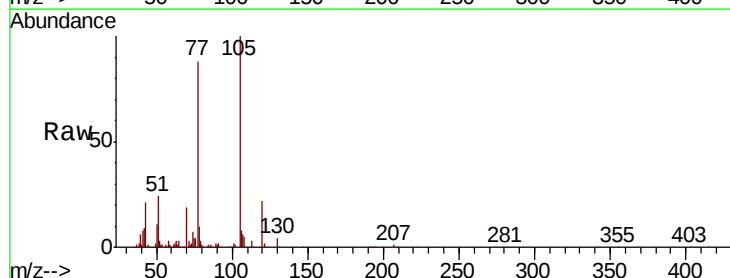
Ion Ratio Lower Upper

105 100

71 2.8 3.4 5.0#

51 24.2 18.2 27.2

120 22.3 18.6 27.8



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

250000

200000

150000

100000

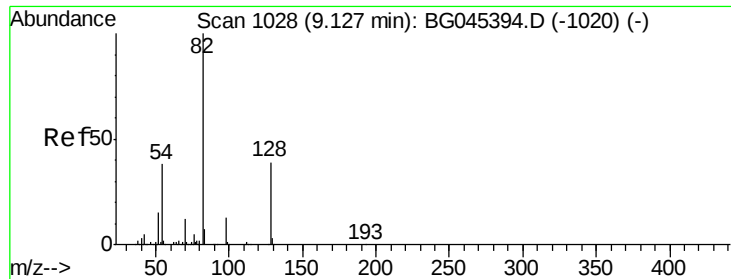
50000

0

8.77

8.80

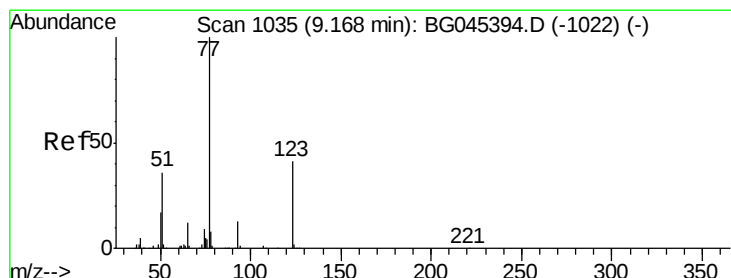
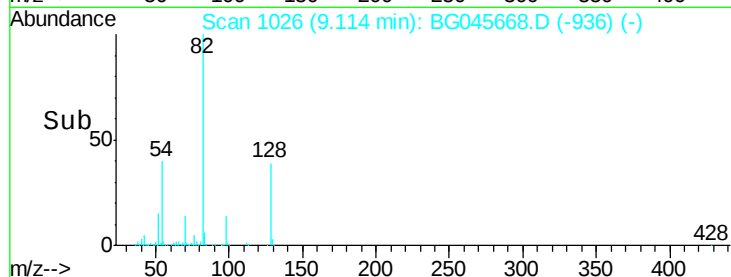
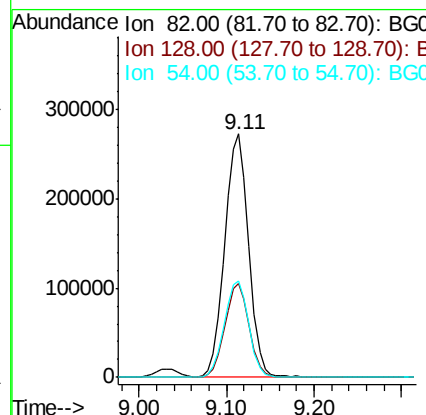
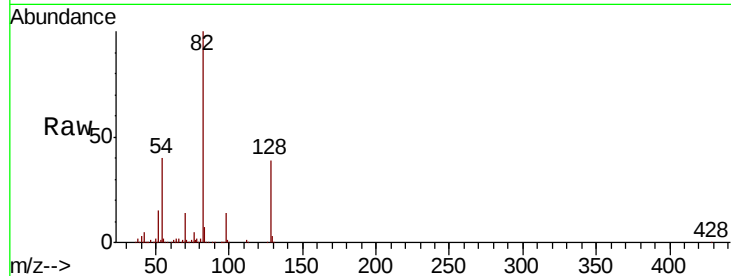
Time-->



#23
 Nitrobenzene-d5
 Concen: 95.351 ng
 RT: 9.11 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BG045668.D
 Acq: 9 Jun 2020 17:47

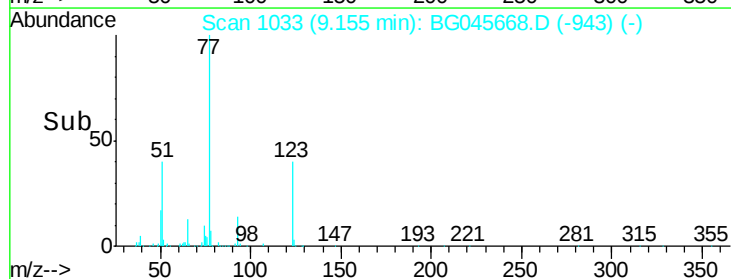
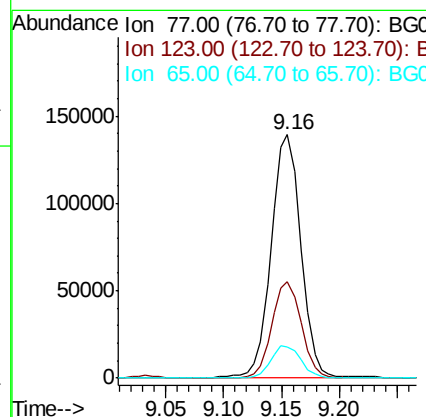
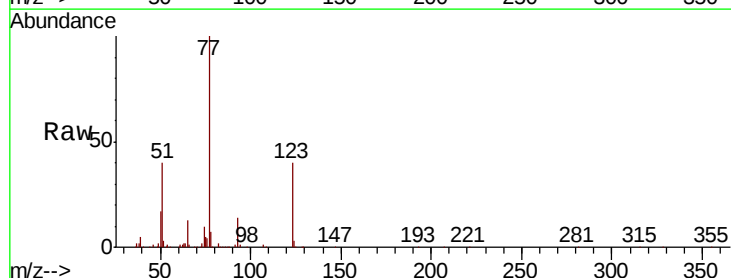
Instrument :
 BNA_G
 ClientSampleId :
 VE-4-11MSD

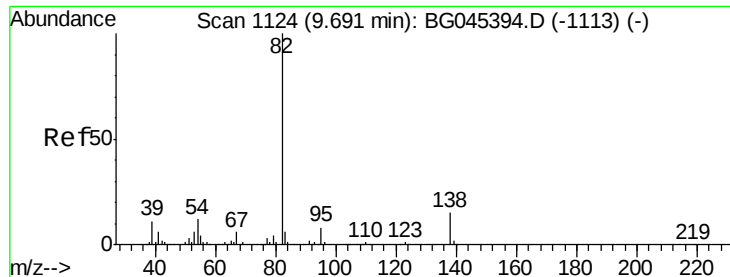
Tot Ion	82	Resp	510705
Ion Ratio	Lower	Upper	
82	100		
128	38.7	30.9	46.3
54	39.6	30.3	45.5



#24
 Nitrobenzene
 Concen: 43.681 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BG045668.D
 Acq: 9 Jun 2020 17:47

Tgt Ion	77	Resp	250664
Ion Ratio	Lower	Upper	
77	100		
123	39.6	32.9	49.3
65	12.9	9.4	14.2





#25

Isophorone

Concen: 43.346 ng

RT: 9.68 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BG045668.D

Acq: 9 Jun 2020 17:47

Instrument :

BNA_G

ClientSampleId :

VE-4-11MSD

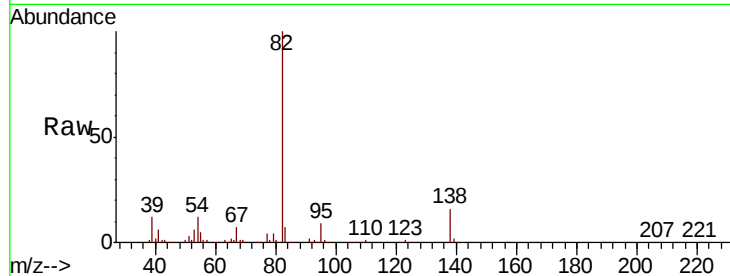
Tot Ion: 82 Resp: 457217

Ion Ratio Lower Upper

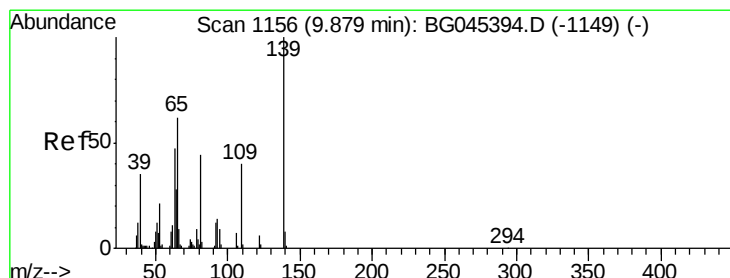
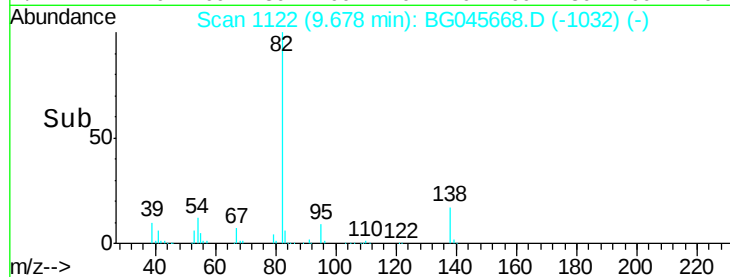
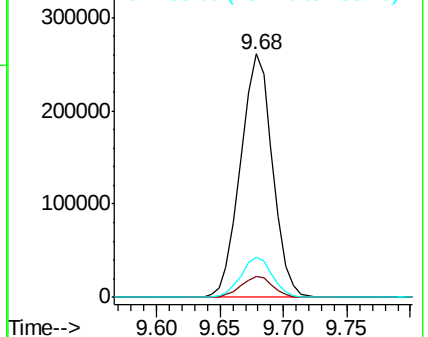
82 100

95 8.5 6.7 10.1

138 16.3 12.2 18.4



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 45.493 ng

RT: 9.87 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BG045668.D

Acq: 9 Jun 2020 17:47

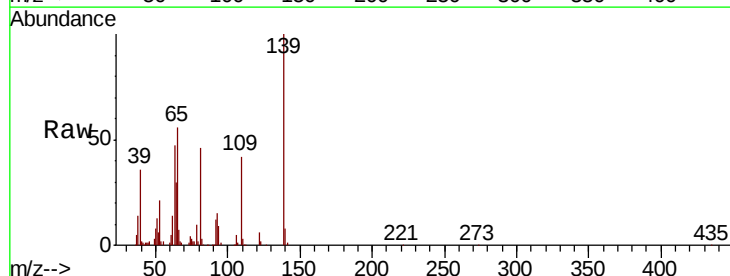
Tgt Ion: 139 Resp: 111676

Ion Ratio Lower Upper

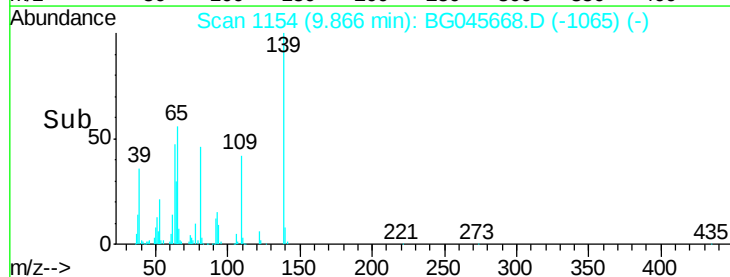
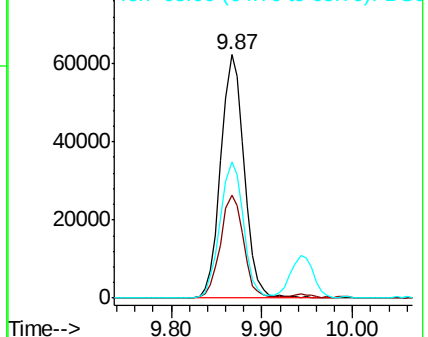
139 100

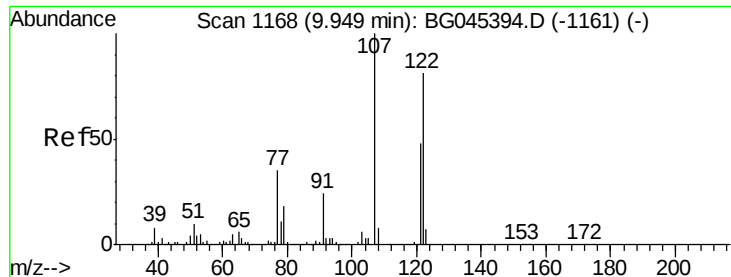
109 42.1 32.2 48.4

65 56.0 49.6 74.4



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#27

2,4-Dimethylphenol

Concen: 44.172 ng

RT: 9.94 min Scan# 1167

Delta R.T. -0.01 min

Lab File: BG045668.D

Acq: 9 Jun 2020 17:47

Instrument :

BNA_G

ClientSampleId :

VE-4-11MSD

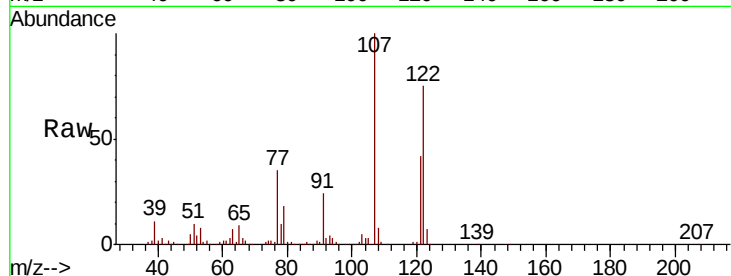
Tot Ion:122 Resp: 160824

Ion Ratio Lower Upper

122 100

107 132.5 99.0 148.4

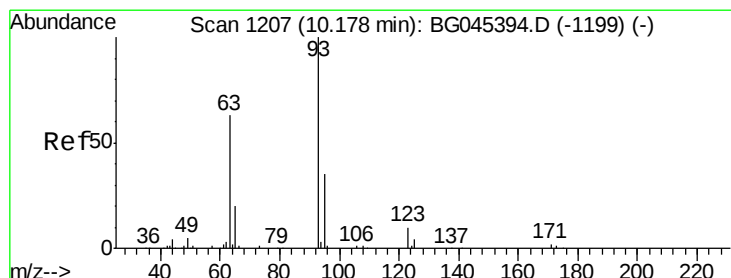
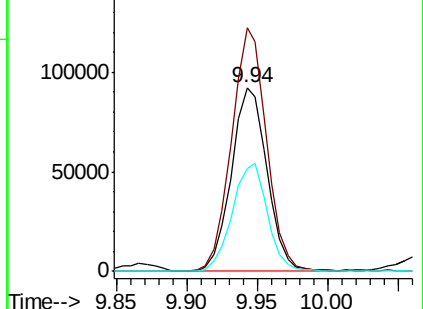
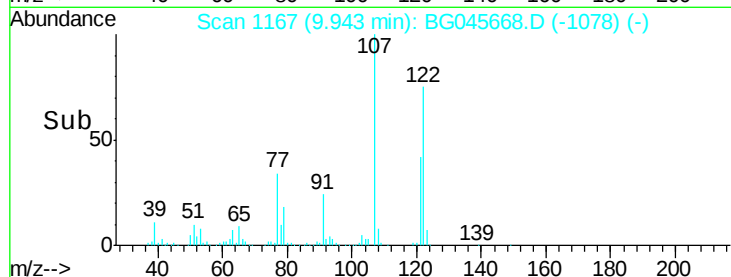
121 55.7 47.7 71.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 45.646 ng

RT: 10.16 min Scan# 1204

Delta R.T. -0.00 min

Lab File: BG045668.D

Acq: 9 Jun 2020 17:47

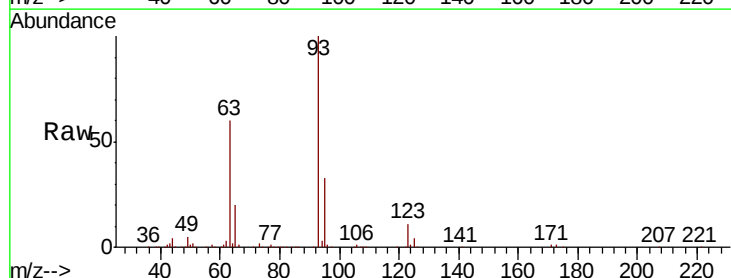
Tgt Ion: 93 Resp: 252508

Ion Ratio Lower Upper

93 100

95 33.0 27.6 41.4

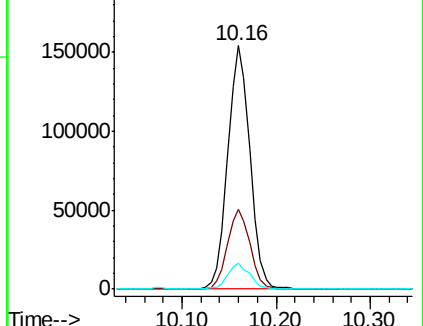
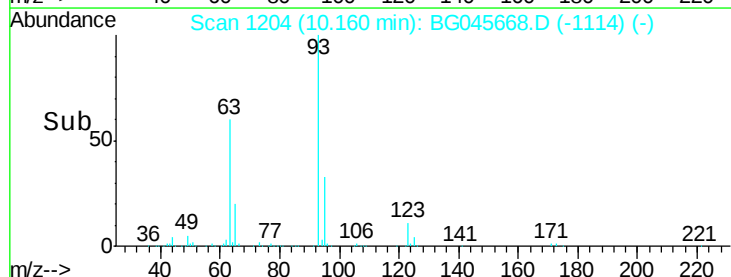
123 10.7 8.1 12.1



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

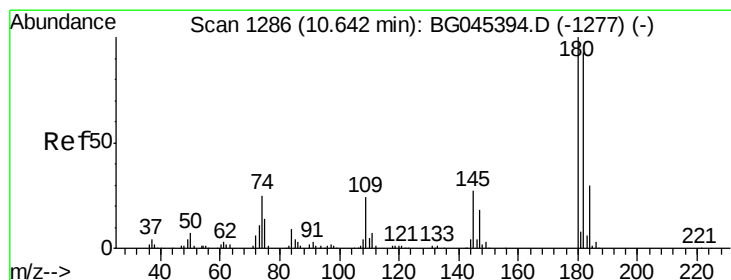
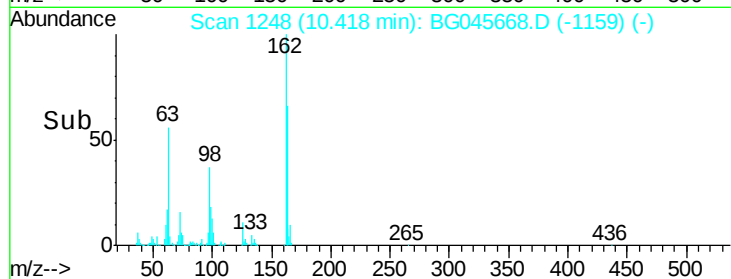
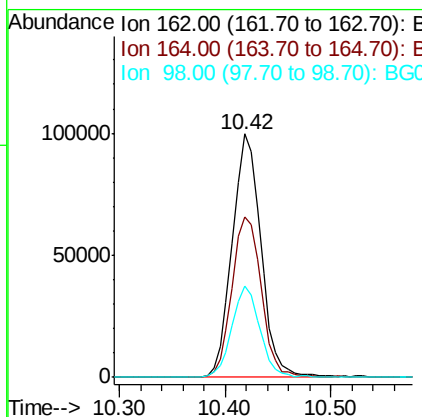
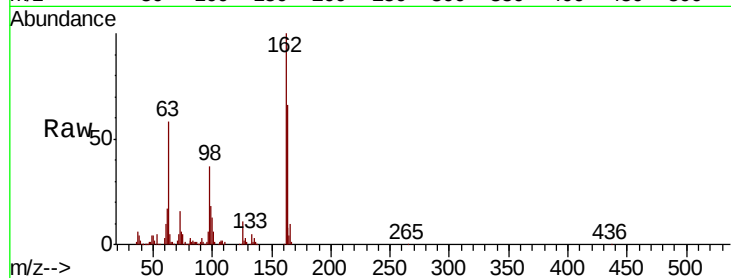




#29
 2,4-Dichlorophenol
 Concen: 43.604 ng
 RT: 10.42 min Scan# 1248
 Delta R.T. -0.01 min
 Lab File: BG045668.D
 Acq: 9 Jun 2020 17:47

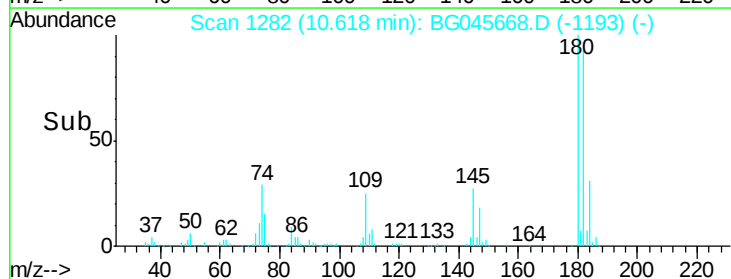
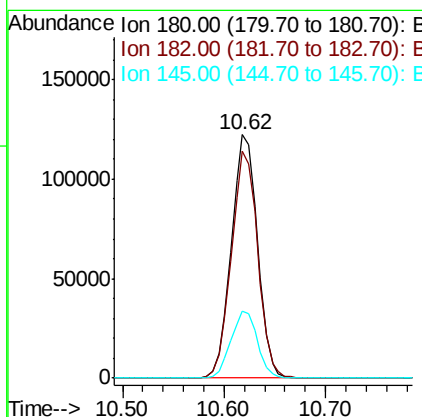
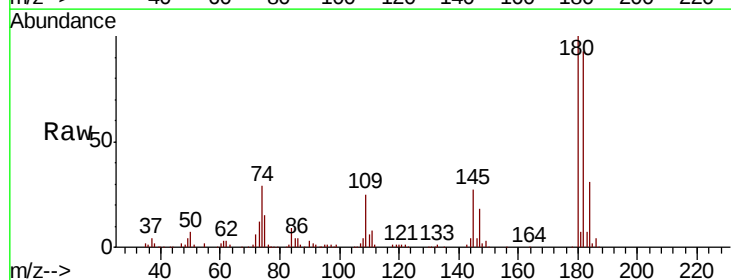
Instrument :
 BNA_G
 ClientSampleId :
 VE-4-11MSD

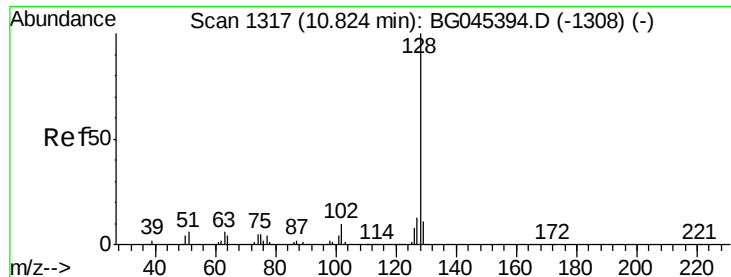
Tot Ion:162 Resp: 187473
 Ion Ratio Lower Upper
 162 100
 164 65.9 46.8 86.8
 98 37.2 15.2 55.2



#30
 1,2,4-Trichlorobenzene
 Concen: 43.190 ng
 RT: 10.62 min Scan# 1282
 Delta R.T. -0.01 min
 Lab File: BG045668.D
 Acq: 9 Jun 2020 17:47

Tgt Ion:180 Resp: 219424
 Ion Ratio Lower Upper
 180 100
 182 93.3 74.8 112.2
 145 27.3 21.9 32.9

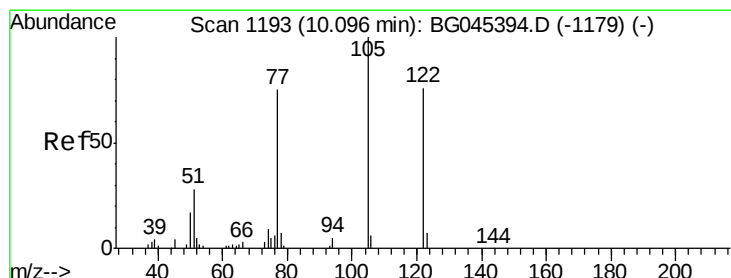
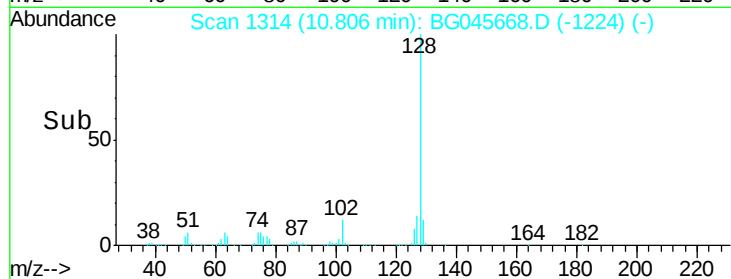
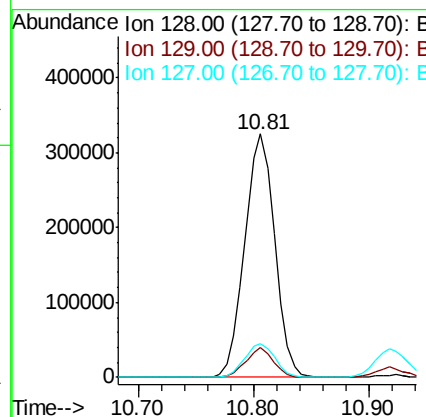
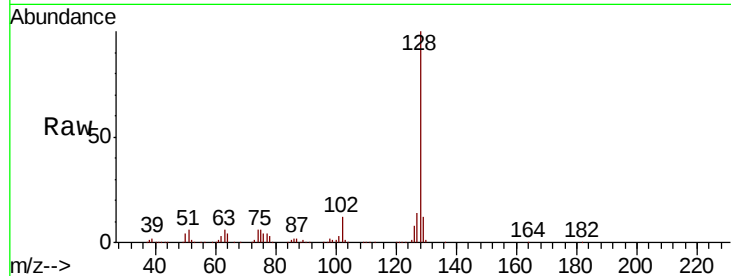




#31
Naphthalene
Concen: 43.175 ng
RT: 10.81 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BG045668.D
Acq: 9 Jun 2020 17:47

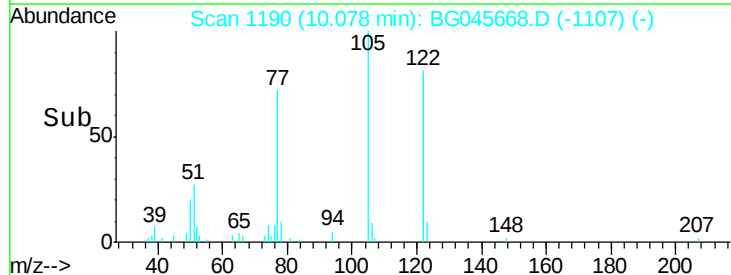
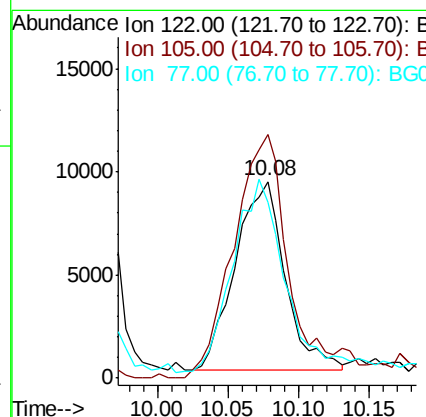
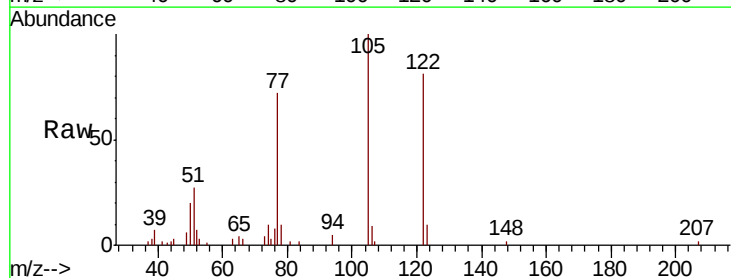
Instrument :
BNA_G
ClientSampleId :
VE-4-11MSD

Tot Ion:128 Resp: 587631
Ion Ratio Lower Upper
128 100
129 12.0 9.0 13.6
127 13.7 10.7 16.1



#32
Benzoic acid
Concen: 17.261 ng
RT: 10.08 min Scan# 1190
Delta R.T. -0.04 min
Lab File: BG045668.D
Acq: 9 Jun 2020 17:47

Tgt Ion:122 Resp: 22656
Ion Ratio Lower Upper
122 100
105 124.0 107.9 147.9
77 89.4 78.9 118.9

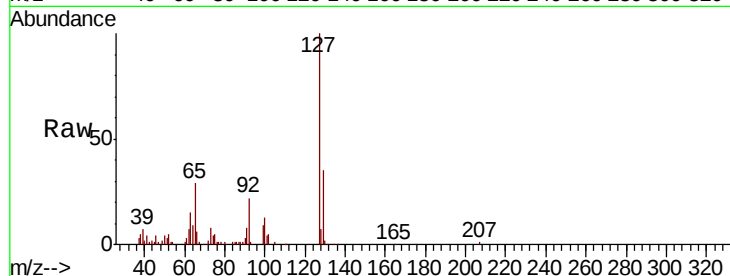




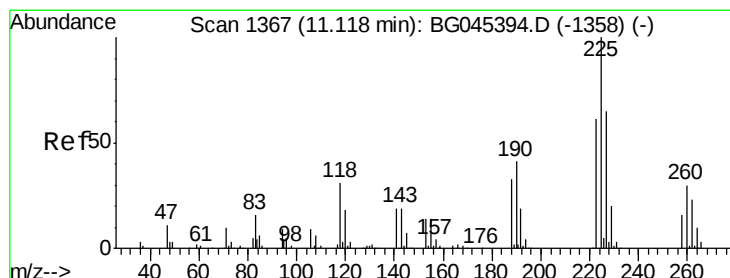
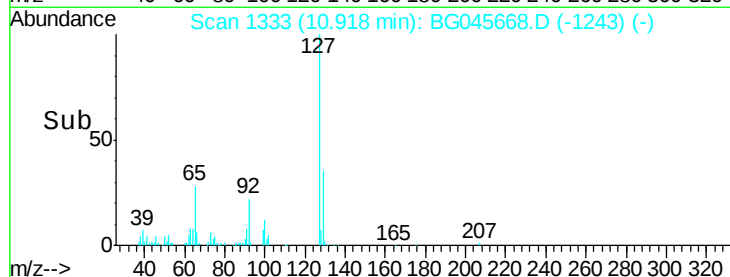
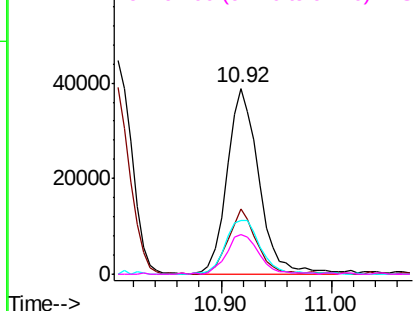
#33
4-Chloroaniline
Concen: 13.834 ng
RT: 10.92 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BG045668.D
Acq: 9 Jun 2020 17:47

Instrument :
BNA_G
ClientSampleId :
VE-4-11MSD

Tot Ion:127	Resp:	78707
Ion Ratio	Lower	Upper
127 100		
129 35.3	24.7	37.1
65 28.9	26.2	39.2
92 21.6	17.9	26.9

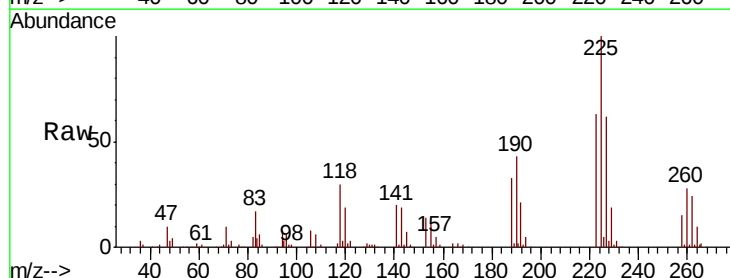


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

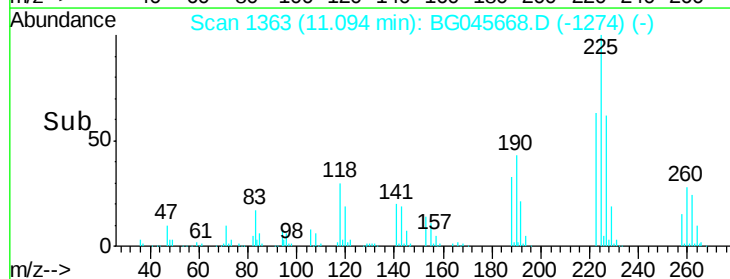
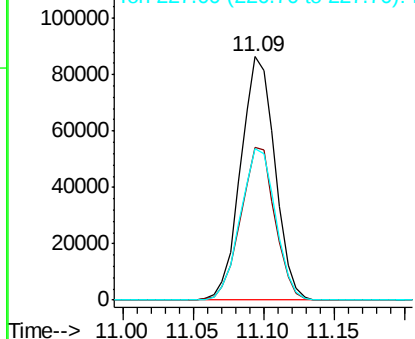


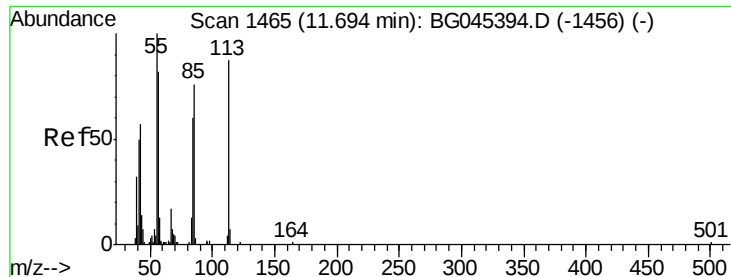
#34
Hexachlorobutadiene
Concen: 40.842 ng
RT: 11.09 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BG045668.D
Acq: 9 Jun 2020 17:47

Tgt Ion:225	Resp: 146673
Ion Ratio	Lower Upper
225 100	
223 62.8	49.1 73.7
227 62.0	52.0 78.0



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 4.896 ng

RT: 11.72 min Scan# 1470

Delta R.T. 0.04 min

Lab File: BG045668.D

Acq: 9 Jun 2020 17:47

Instrument :

BNA_G

ClientSampleId :

VE-4-11MSD

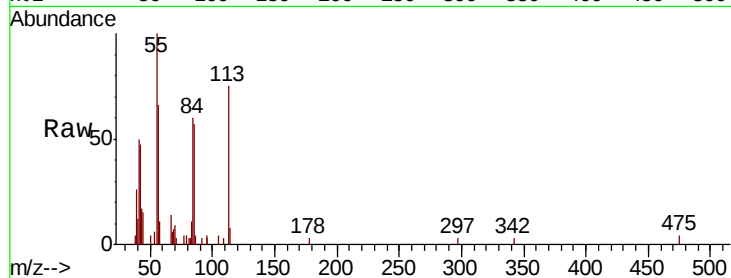
Tot Ion:113 Resp: 7727

Ion Ratio Lower Upper

113 100

55 134.1 96.0 136.0

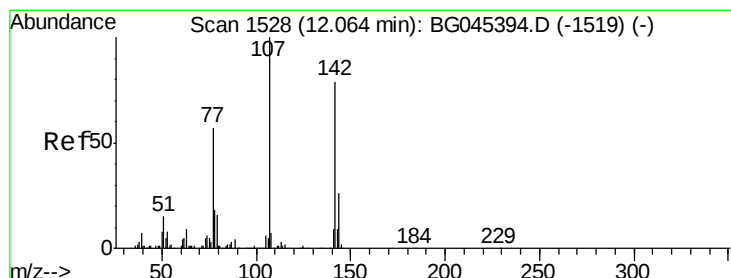
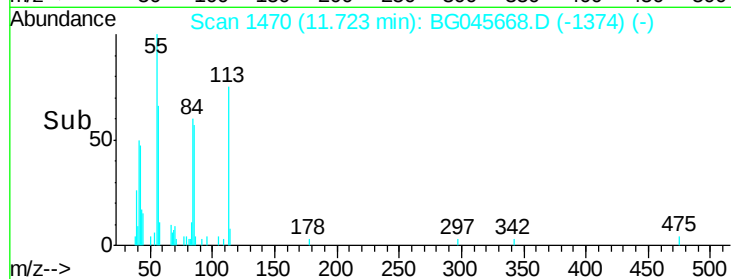
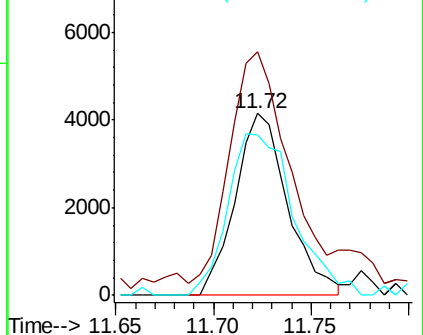
56 88.3 75.1 115.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 39.469 ng

RT: 12.06 min Scan# 1528

Delta R.T. -0.01 min

Lab File: BG045668.D

Acq: 9 Jun 2020 17:47

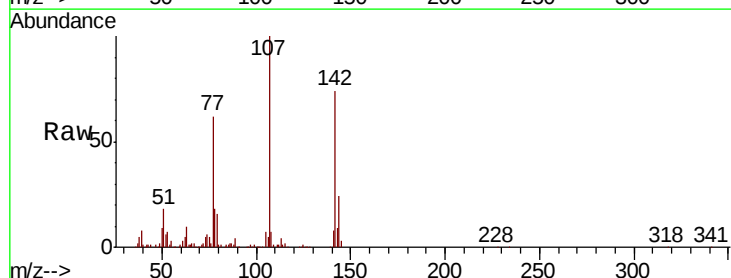
Tgt Ion:107 Resp: 191221

Ion Ratio Lower Upper

107 100

144 24.4 20.8 31.2

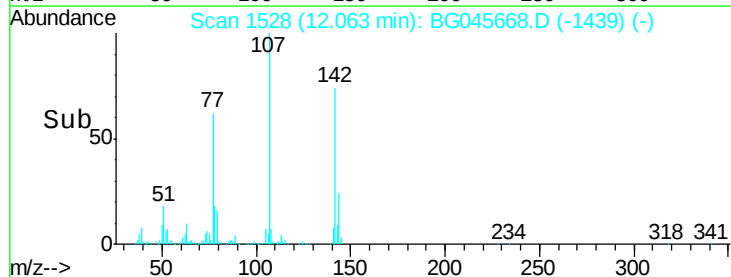
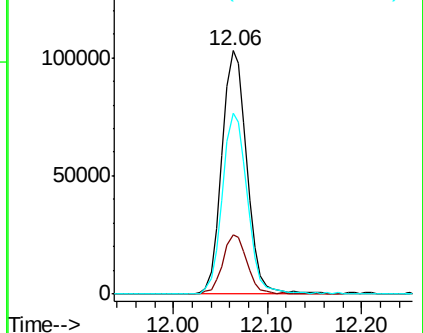
142 74.4 62.8 94.2

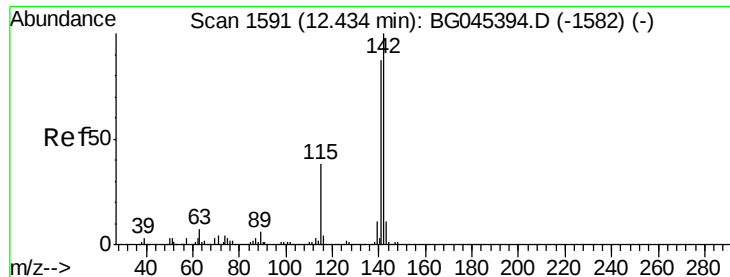


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

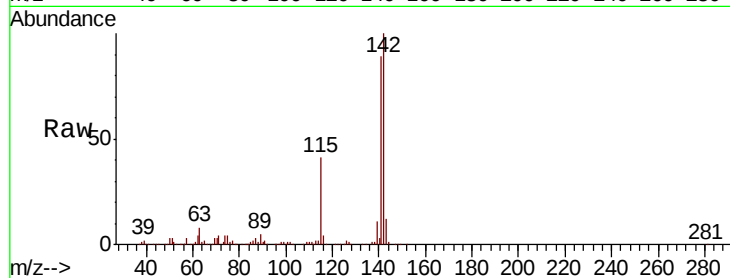




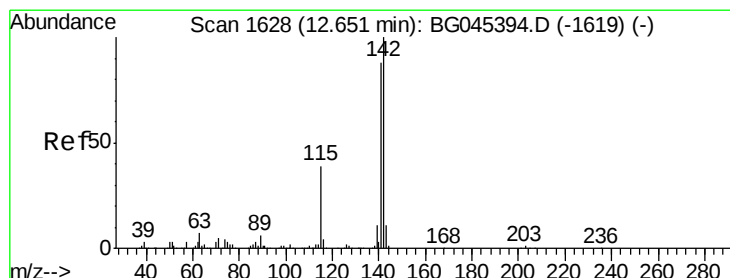
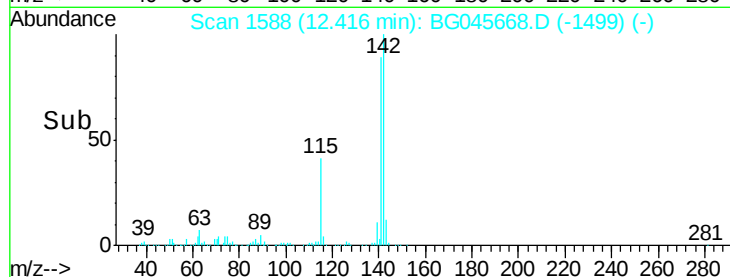
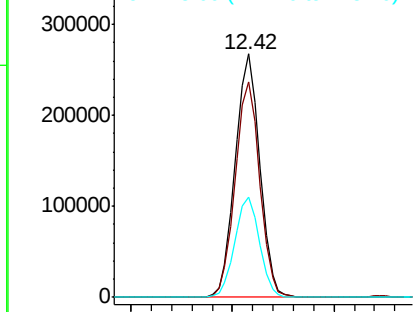
#37
2-Methylnaphthalene
Concen: 44.625 ng
RT: 12.42 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BG045668.D
Acq: 9 Jun 2020 17:47

Instrument :
BNA_G
ClientSampleId :
VE-4-11MSD

Tot Ion:142 Resp: 452695
Ion Ratio Lower Upper
142 100
141 88.7 70.0 105.0
115 41.1 30.8 46.2

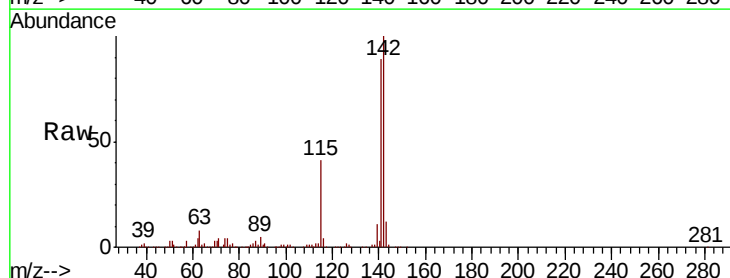


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

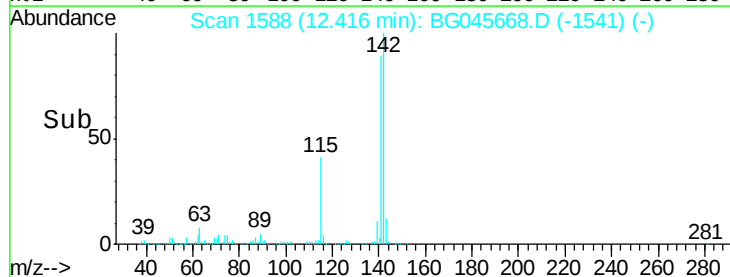
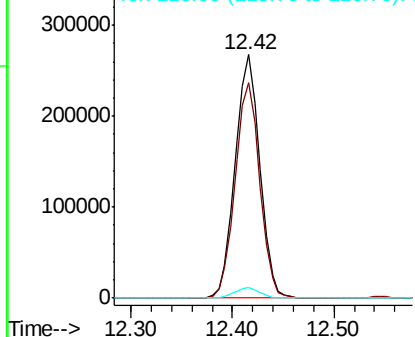


#38
1-Methylnaphthalene
Concen: 47.241 ng
RT: 12.42 min Scan# 1588
Delta R.T. -0.22 min
Lab File: BG045668.D
Acq: 9 Jun 2020 17:47

Tgt Ion:142 Resp: 452695
Ion Ratio Lower Upper
142 100
141 88.7 70.8 106.2
116 4.3 3.0 4.6



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.60 min Scan# 1959

Delta R.T. -0.00 min

Lab File: BG045668.D

Acq: 9 Jun 2020 17:47

Instrument :

BNA_G

ClientSampleId :

VE-4-11MSD

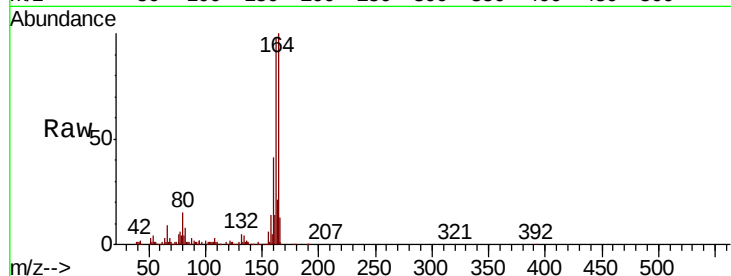
Tot Ion:164 Resp: 192347

Ion Ratio Lower Upper

164 100

162 97.9 76.9 115.3

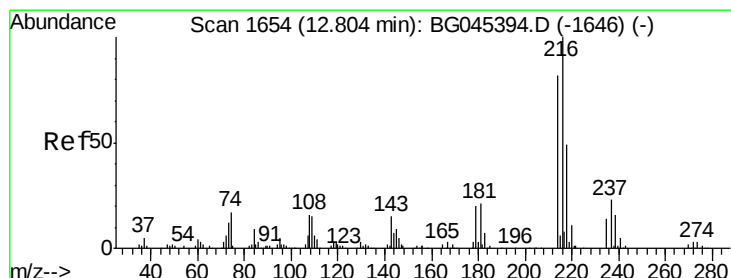
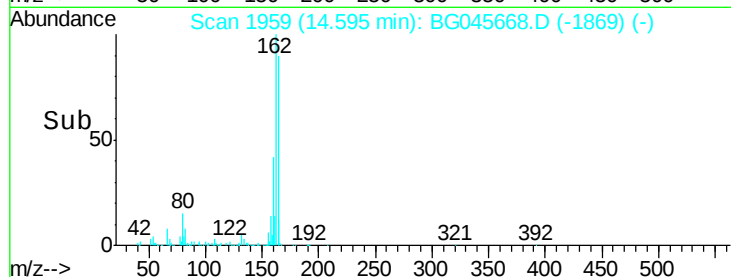
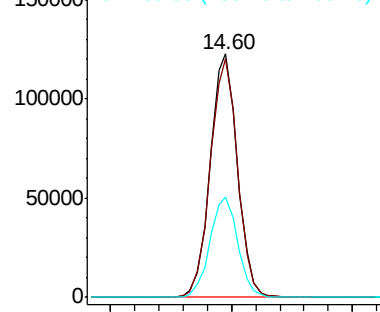
160 41.3 33.8 50.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.823 ng

RT: 12.79 min Scan# 1652

Delta R.T. -0.00 min

Lab File: BG045668.D

Acq: 9 Jun 2020 17:47

Tgt Ion:216 Resp: 256931

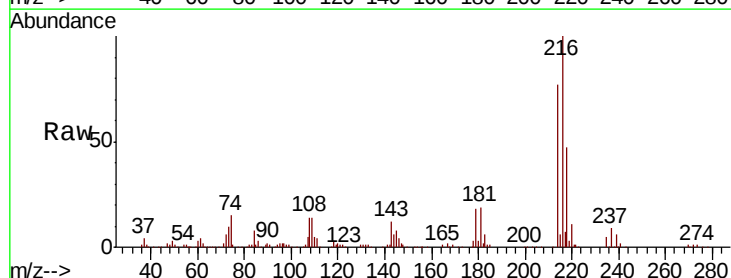
Ion Ratio Lower Upper

216 100

214 78.9 63.7 95.5

179 20.0 16.1 24.1

108 19.1 13.8 20.6

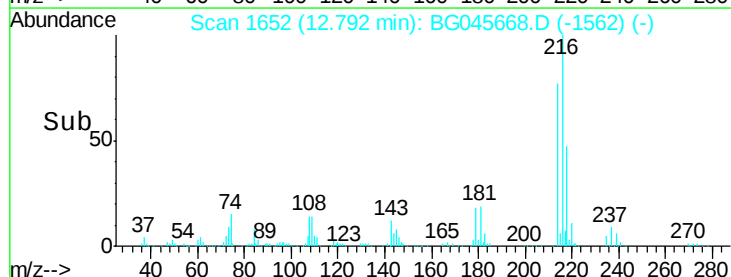
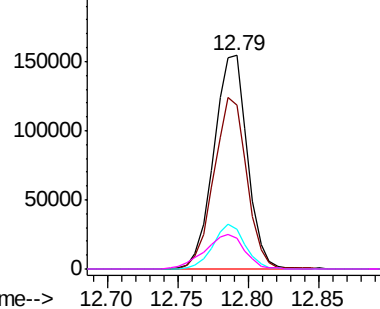


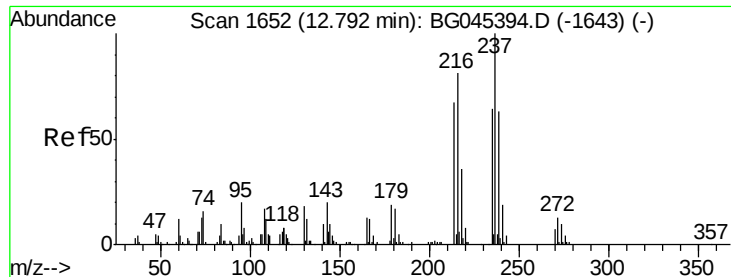
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 95.253 ng

RT: 12.77 min Scan# 1648

Delta R.T. -0.01 min

Lab File: BG045668.D

Acq: 9 Jun 2020 17:47

Instrument :

BNA_G

ClientSampleId :

VE-4-11MSD

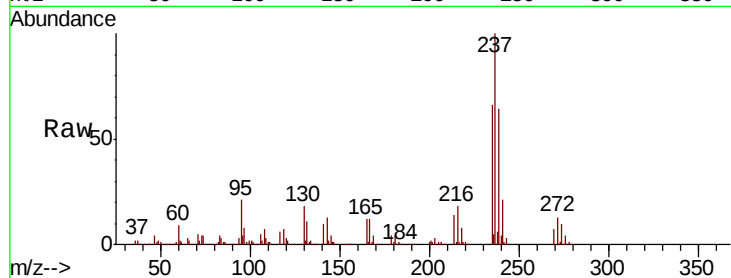
Tot Ion:237 Resp: 295374

Ion Ratio Lower Upper

237 100

235 65.9 44.4 84.4

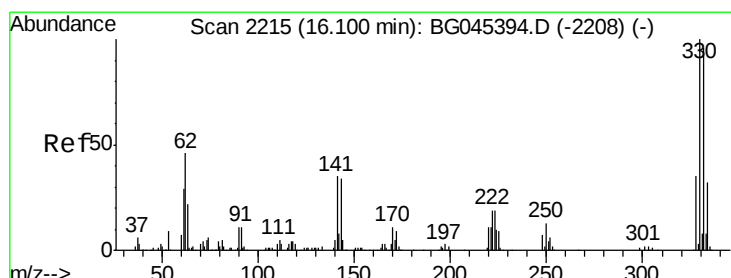
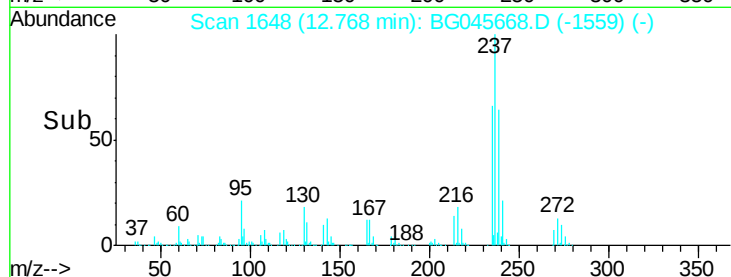
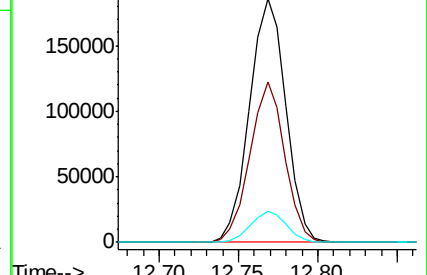
272 12.9 0.0 32.5



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 134.432 ng

RT: 16.09 min Scan# 2214

Delta R.T. -0.00 min

Lab File: BG045668.D

Acq: 9 Jun 2020 17:47

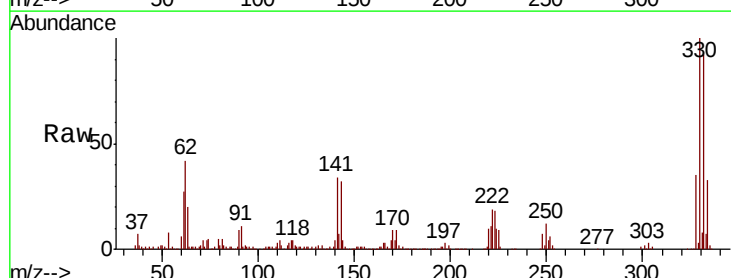
Tgt Ion:330 Resp: 330689

Ion Ratio Lower Upper

330 100

332 95.5 78.2 117.4

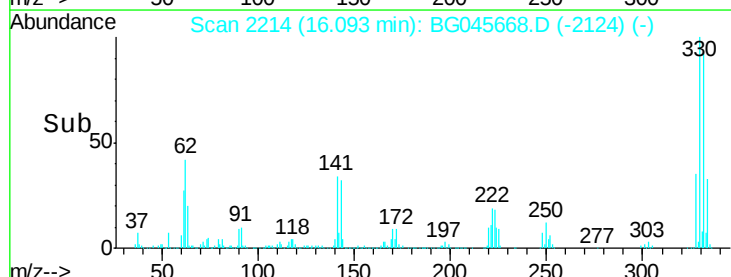
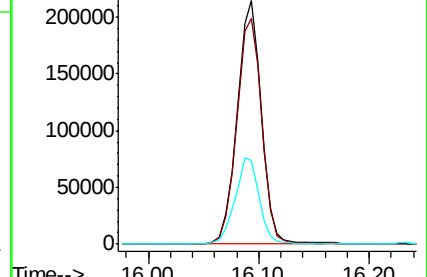
141 35.1 28.2 42.4



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

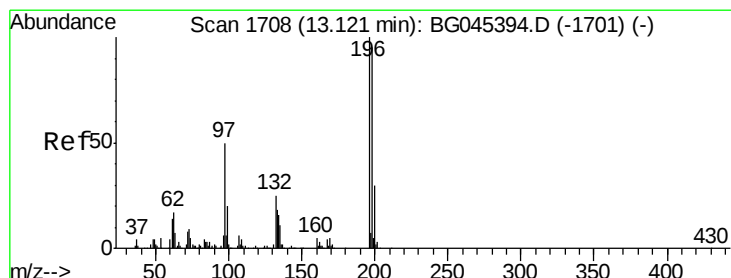
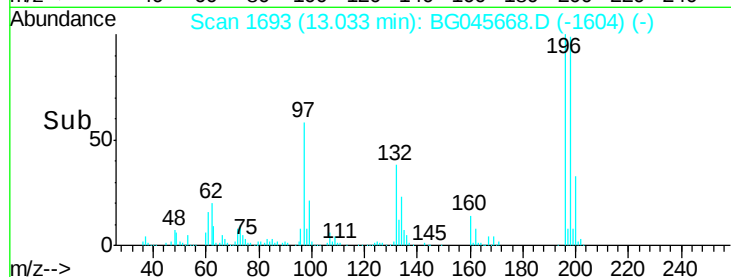
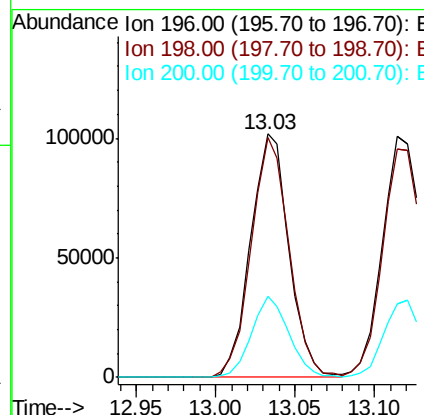
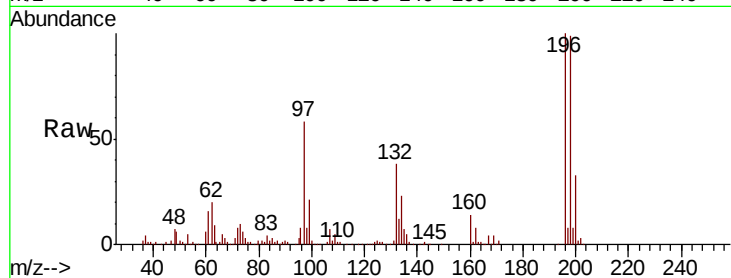




#43
 2,4,6-Trichlorophenol
 Concen: 45.823 ng
 RT: 13.03 min Scan# 1693
 Delta R.T. -0.01 min
 Lab File: BG045668.D
 Acq: 9 Jun 2020 17:47

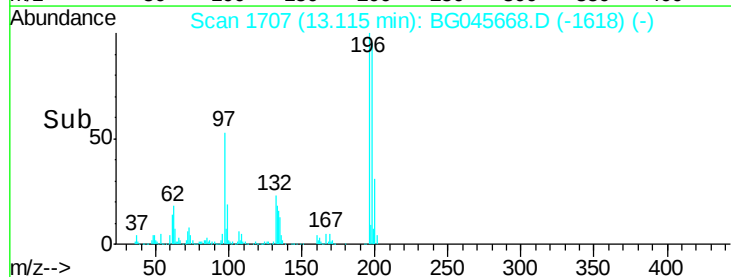
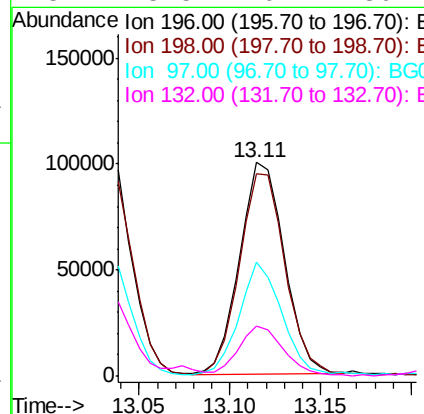
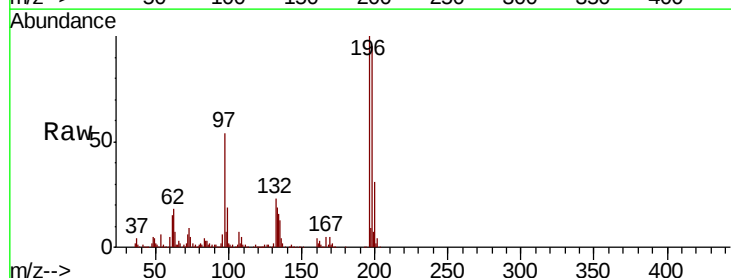
Instrument :
 BNA_G
 ClientSampled :
 VE-4-11MSD

Tot Ion:196 Resp: 171017
 Ion Ratio Lower Upper
 196 100
 198 98.6 76.7 115.1
 200 33.2 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 40.285 ng
 RT: 13.11 min Scan# 1707
 Delta R.T. -0.01 min
 Lab File: BG045668.D
 Acq: 9 Jun 2020 17:47

Tgt Ion:196 Resp: 171809
 Ion Ratio Lower Upper
 196 100
 198 94.9 76.1 114.1
 97 53.5 40.0 60.0
 132 23.5 20.2 30.2

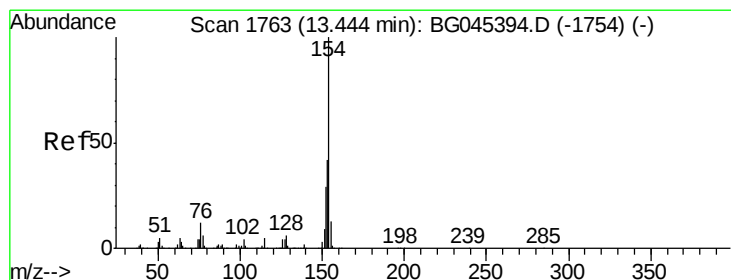
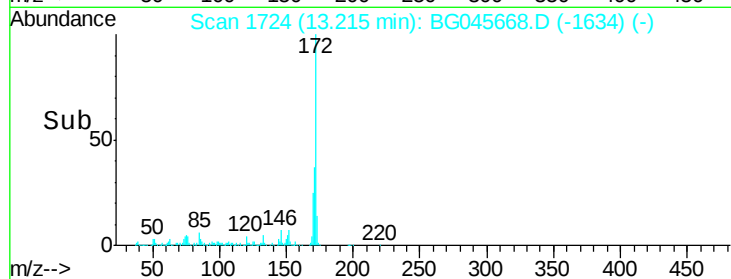
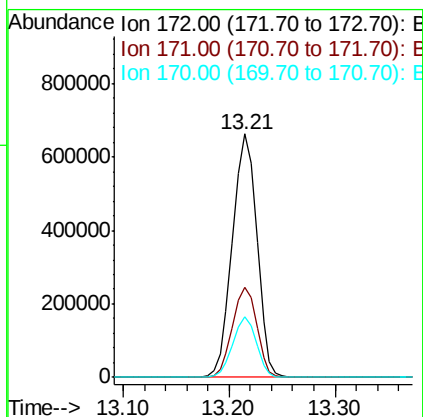
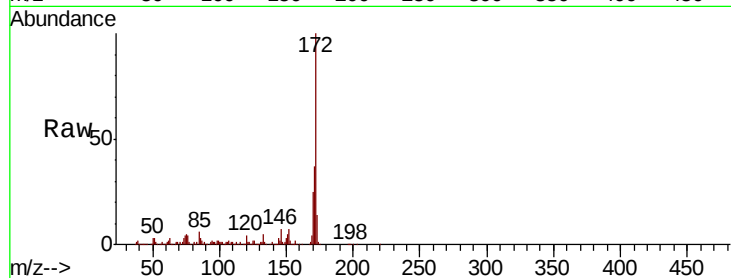




#45
2-Fluorobiphenyl
Concen: 93.503 ng
RT: 13.21 min Scan# 1724
Delta R.T. -0.00 min
Lab File: BG045668.D
Acq: 9 Jun 2020 17:47

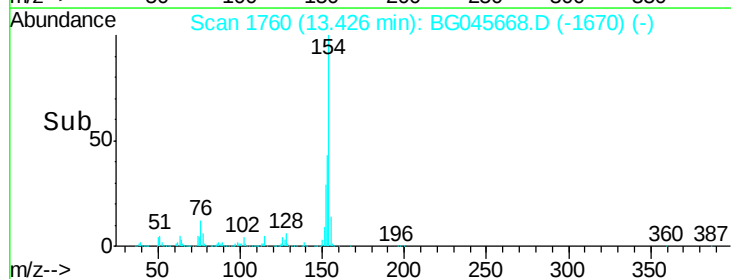
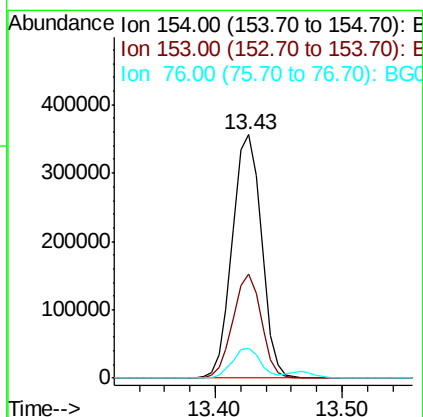
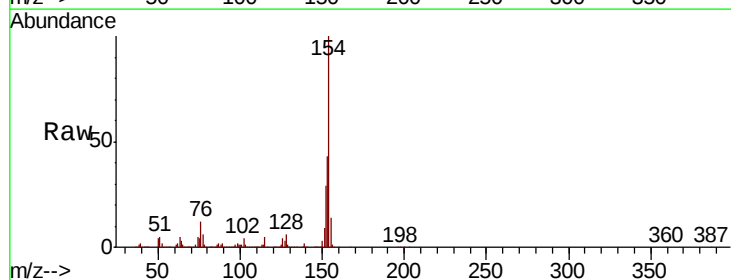
Instrument :
BNA_G
ClientSampleId :
VE-4-11MSD

Tot Ion:172 Resp: 1060312
Ion Ratio Lower Upper
172 100
171 36.8 29.5 44.3
170 24.7 18.5 27.7



#46
1,1'-Biphenyl
Concen: 47.985 ng
RT: 13.43 min Scan# 1760
Delta R.T. -0.00 min
Lab File: BG045668.D
Acq: 9 Jun 2020 17:47

Tgt Ion:154 Resp: 567127
Ion Ratio Lower Upper
154 100
153 42.9 22.2 62.2
76 12.2 0.0 32.4

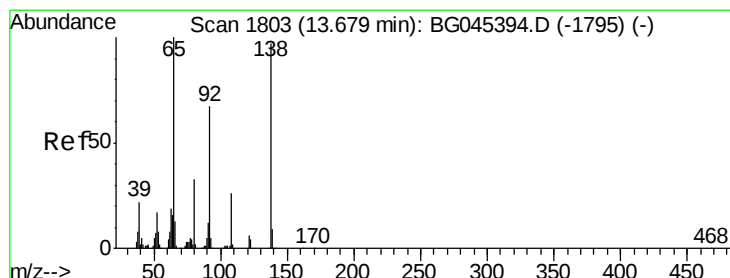
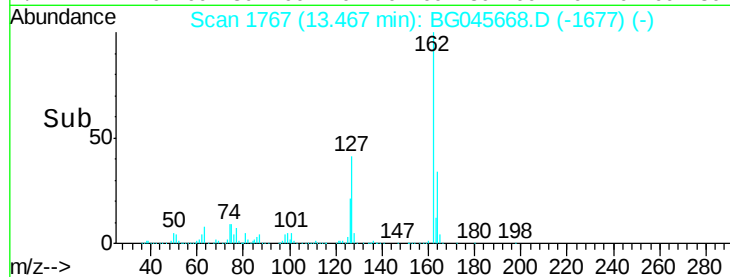
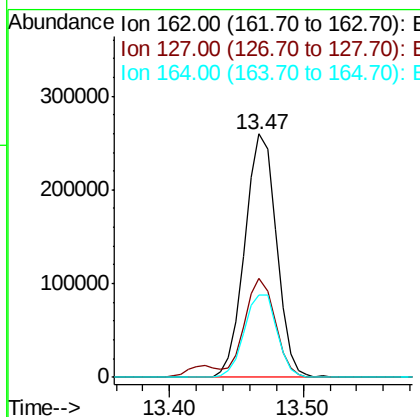
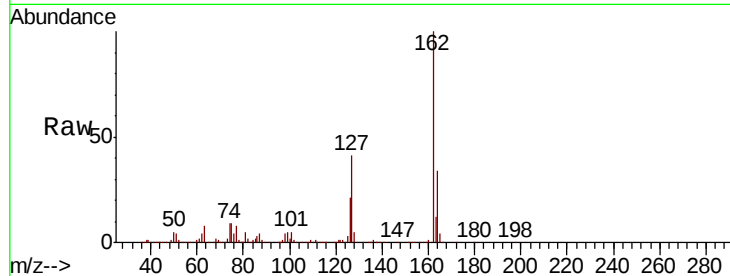




#47
2-Chloronaphthalene
Concen: 44.114 ng
RT: 13.47 min Scan# 1767
Delta R.T. -0.00 min
Lab File: BG045668.D
Acq: 9 Jun 2020 17:47

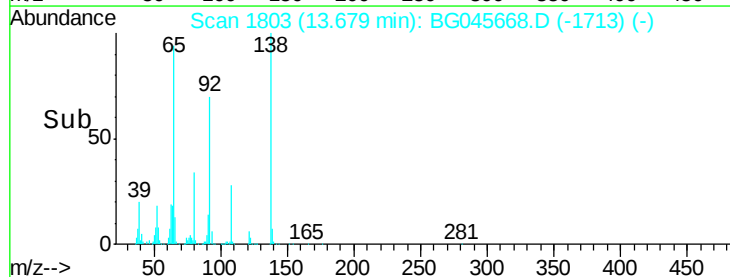
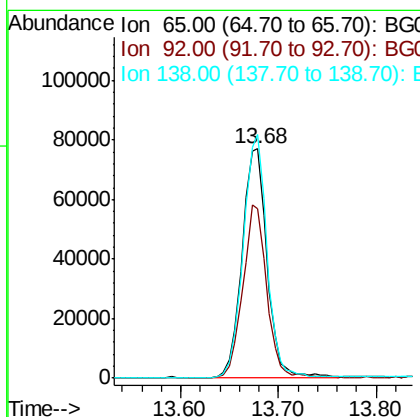
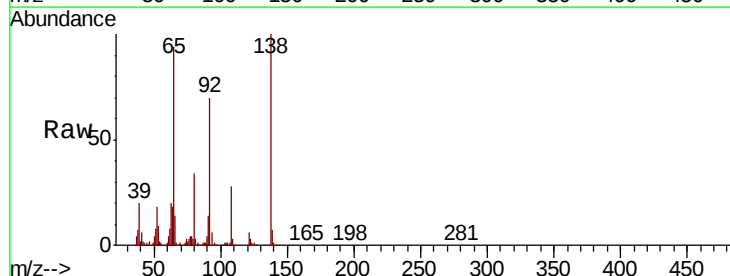
Instrument :
BNA_G
ClientSampleId :
VE-4-11MSD

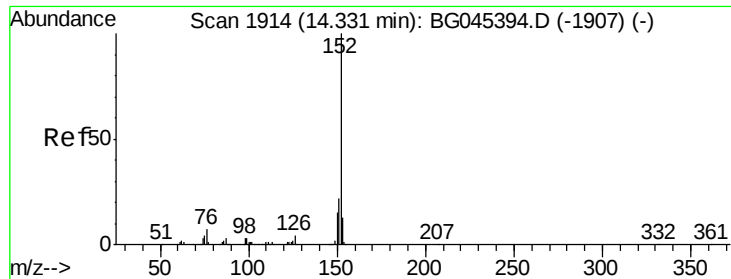
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.6	31.6	47.4
164	33.6	28.1	42.1



#48
2-Nitroaniline
Concen: 43.730 ng
RT: 13.68 min Scan# 1803
Delta R.T. -0.00 min
Lab File: BG045668.D
Acq: 9 Jun 2020 17:47

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.0	53.8	80.8
138	106.2	77.9	116.9





#49

Acenaphthylene

Concen: 44.617 ng

RT: 14.31 min Scan# 1911

Delta R.T. -0.01 min

Lab File: BG045668.D

Acq: 9 Jun 2020 17:47

Instrument :

BNA_G

ClientSampleId :

VE-4-11MSD

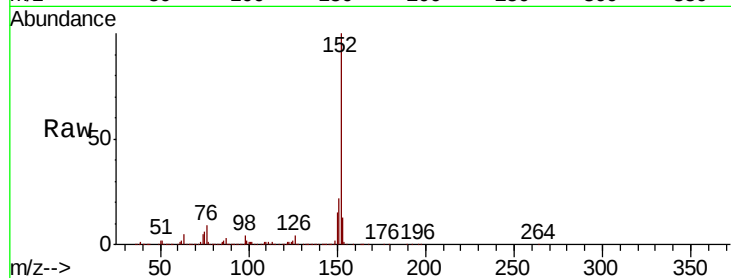
Tot Ion:152 Resp: 687803

Ion Ratio Lower Upper

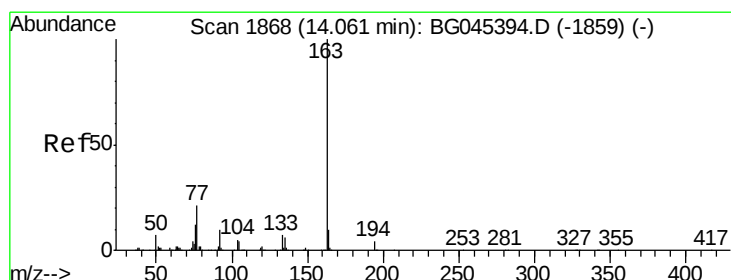
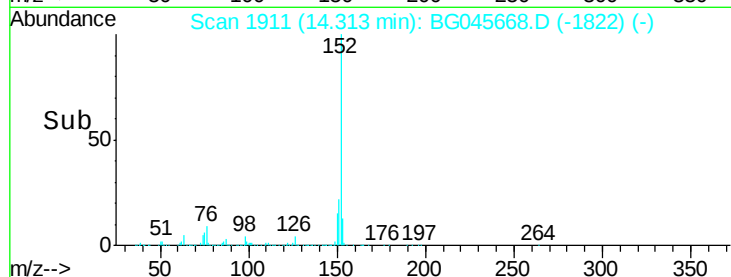
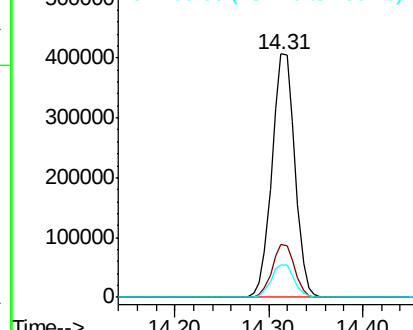
152 100

151 21.8 17.4 26.2

153 13.4 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 53.320 ng

RT: 14.05 min Scan# 1867

Delta R.T. -0.00 min

Lab File: BG045668.D

Acq: 9 Jun 2020 17:47

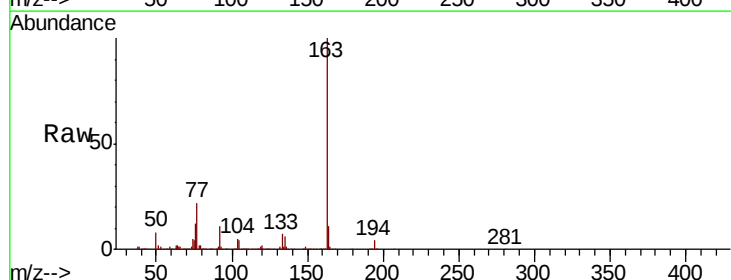
Tgt Ion:163 Resp: 703546

Ion Ratio Lower Upper

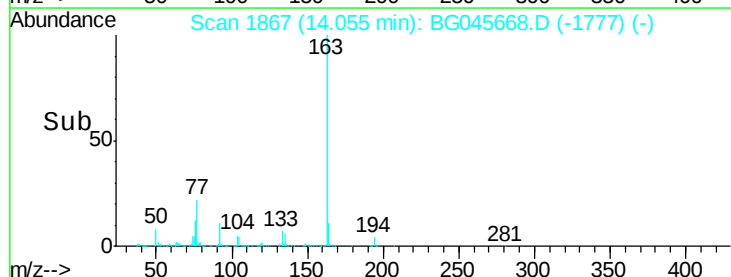
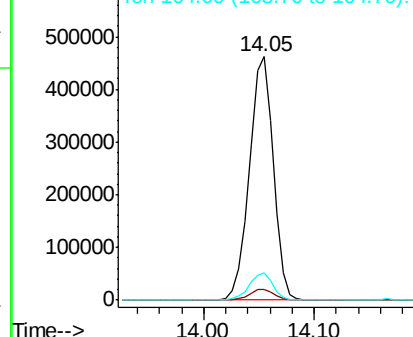
163 100

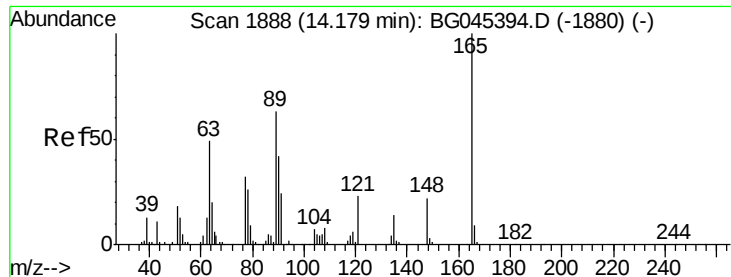
194 4.4 3.2 4.8

164 11.2 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

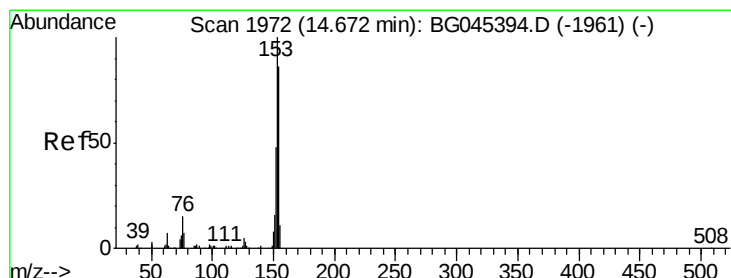
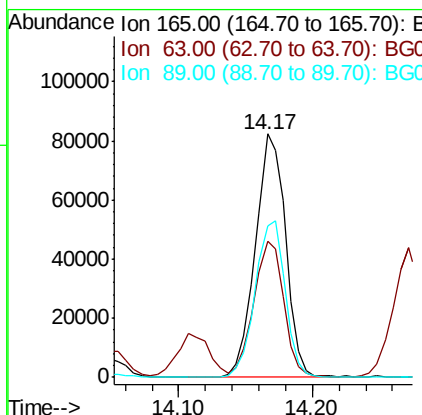
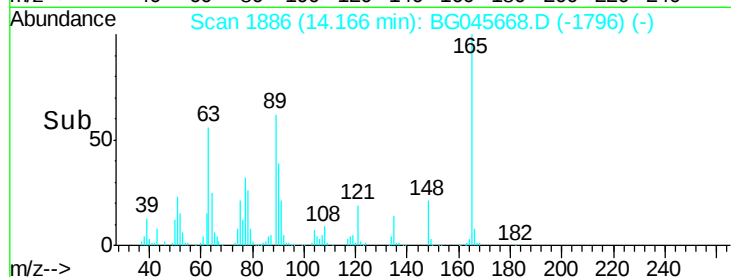
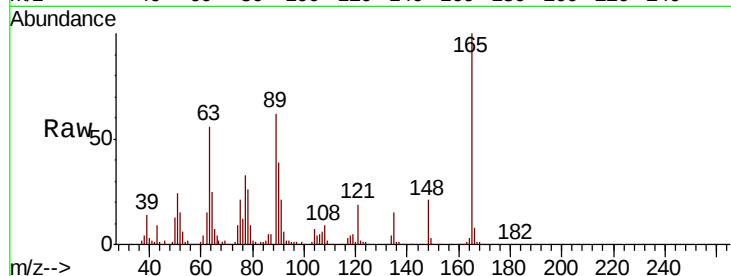




#51
2,6-Dinitrotoluene
Concen: 43.174 ng
RT: 14.17 min Scan# 1886
Delta R.T. -0.00 min
Lab File: BG045668.D
Acq: 9 Jun 2020 17:47

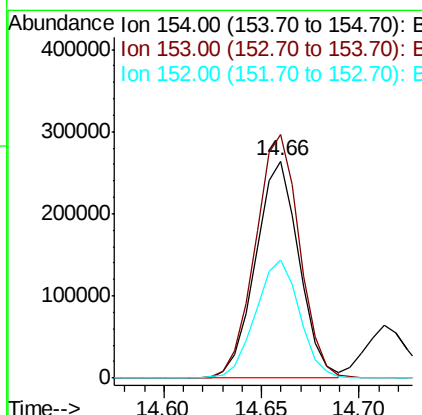
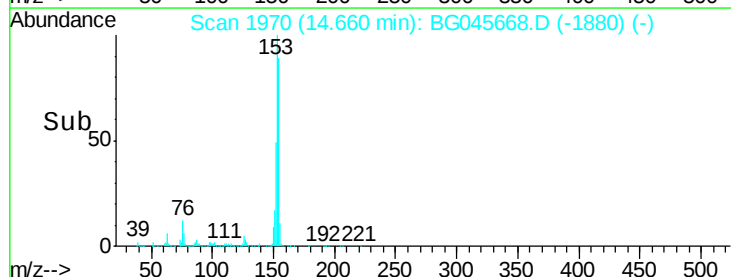
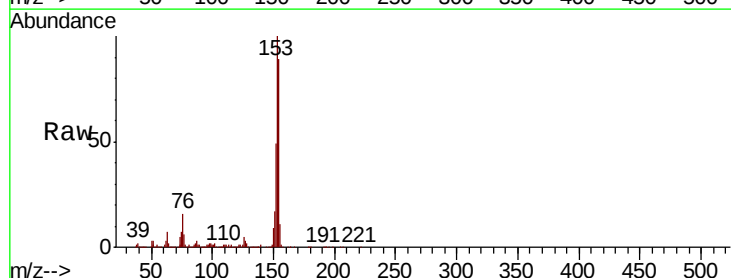
Instrument :
BNA_G
ClientSampleId :
VE-4-11MSD

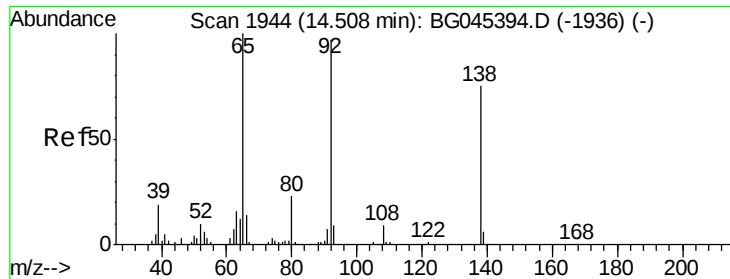
Tot Ion:165 Resp: 128547
Ion Ratio Lower Upper
165 100
63 56.1 45.0 67.4
89 62.3 50.2 75.4



#52
Acenaphthene
Concen: 39.241 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.00 min
Lab File: BG045668.D
Acq: 9 Jun 2020 17:47

Tgt Ion:154 Resp: 404930
Ion Ratio Lower Upper
154 100
153 112.2 92.8 139.2
152 54.7 44.6 66.8

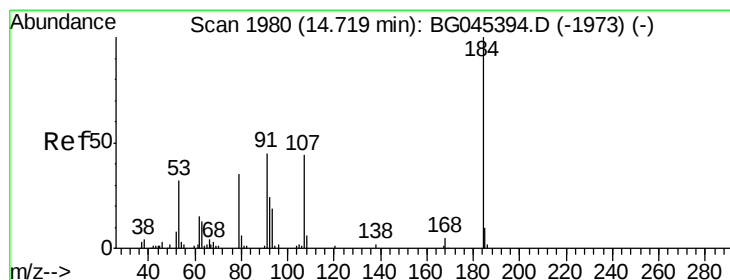
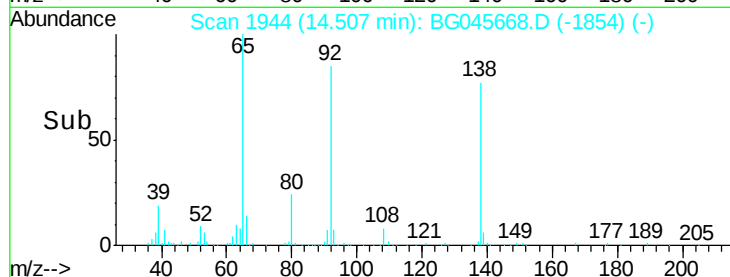
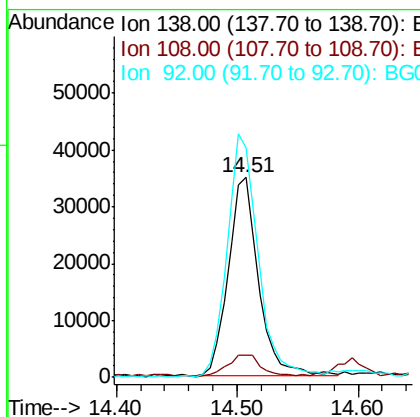
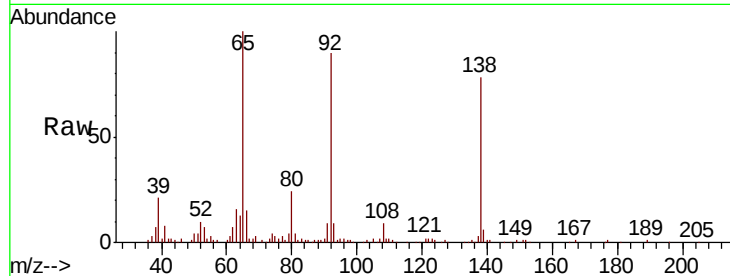




#53
3-Nitroaniline
Concen: 20.121 ng
RT: 14.51 min Scan# 1944
Delta R.T. -0.00 min
Lab File: BG045668.D
Acq: 9 Jun 2020 17:47

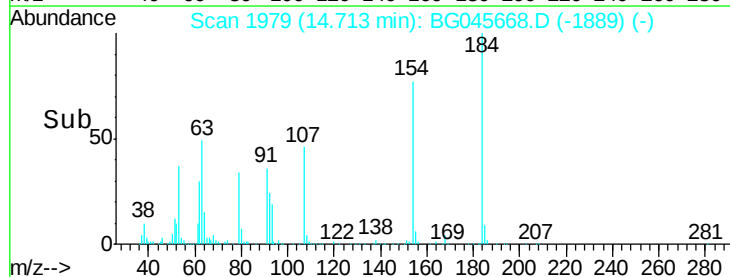
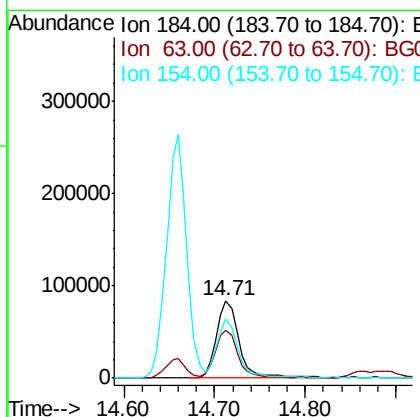
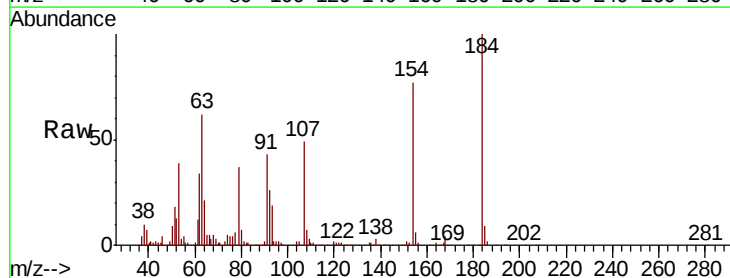
Instrument :
BNA_G
ClientSampleId :
VE-4-11MSD

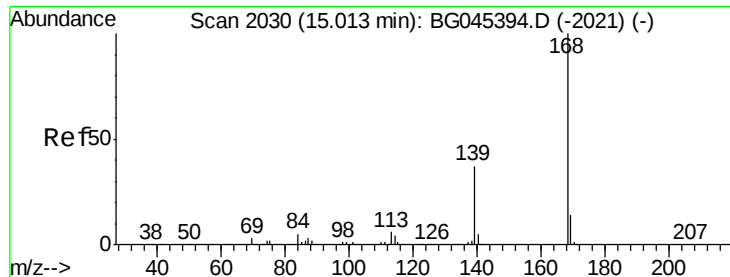
Tot Ion:138 Resp: 60901
Ion Ratio Lower Upper
138 100
108 11.4 9.8 14.6
92 115.3 103.0 154.4



#54
2,4-Dinitrophenol
Concen: 75.379 ng
RT: 14.71 min Scan# 1979
Delta R.T. -0.00 min
Lab File: BG045668.D
Acq: 9 Jun 2020 17:47

Tgt Ion:184 Resp: 146360
Ion Ratio Lower Upper
184 100
63 61.9 47.8 71.6
154 76.7 58.3 87.5

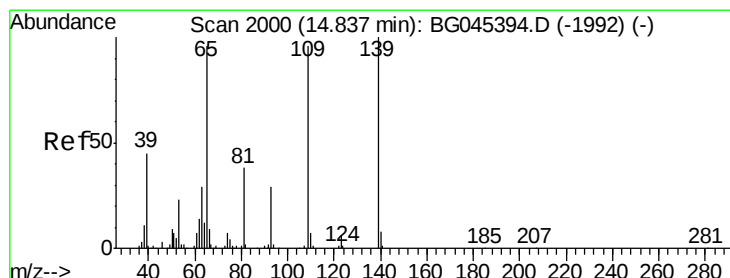
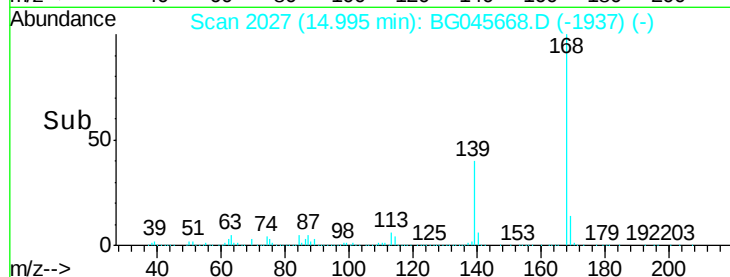
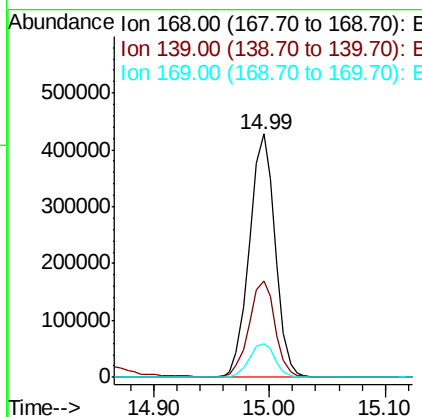
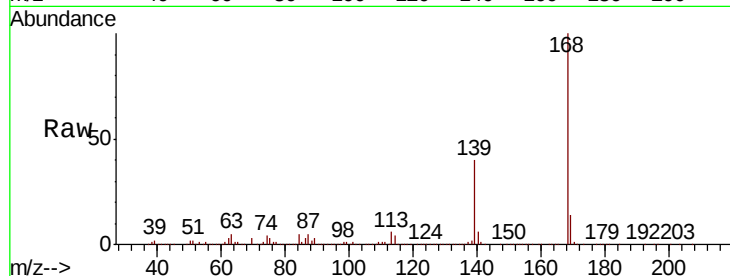




#55
Dibenzofuran
Concen: 43.474 ng
RT: 14.99 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BG045668.D
Acq: 9 Jun 2020 17:47

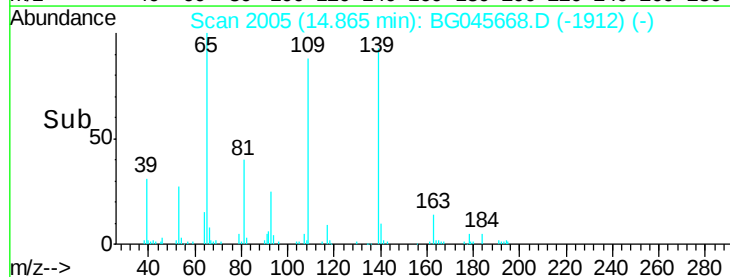
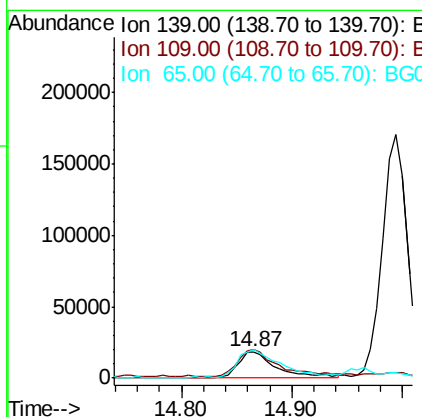
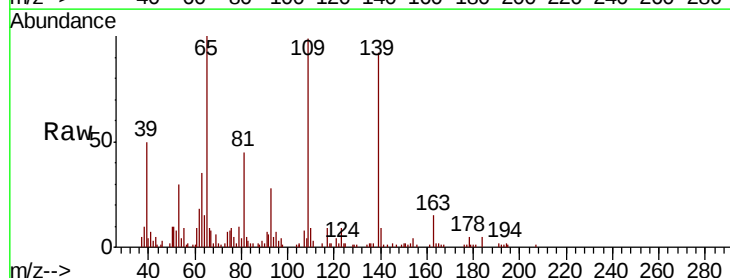
Instrument :
BNA_G
ClientSampleId :
VE-4-11MSD

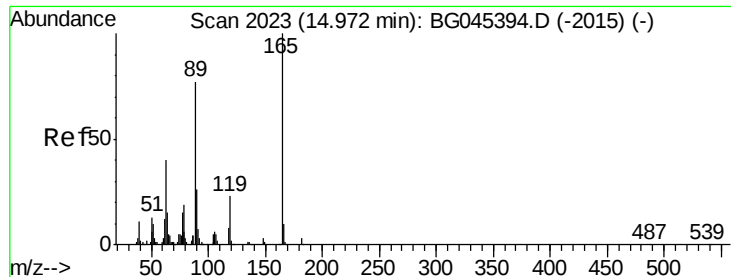
Tot Ion:168 Resp: 666189
Ion Ratio Lower Upper
168 100
139 39.8 29.9 44.9
169 13.7 10.9 16.3



#56
4-Nitrophenol
Concen: 19.177 ng
RT: 14.87 min Scan# 2005
Delta R.T. 0.02 min
Lab File: BG045668.D
Acq: 9 Jun 2020 17:47

Tgt Ion:139 Resp: 43943
Ion Ratio Lower Upper
139 100
109 108.0 75.6 115.6
65 108.9 76.8 116.8

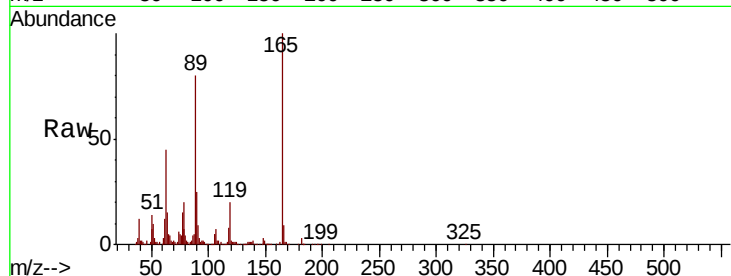




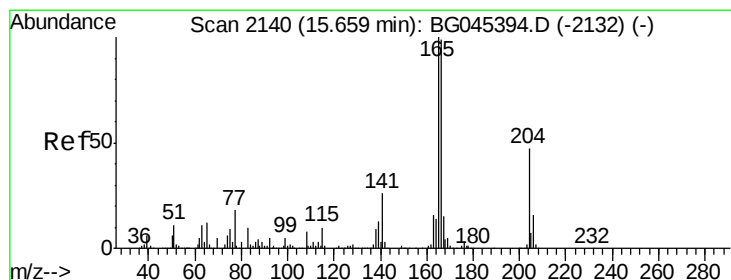
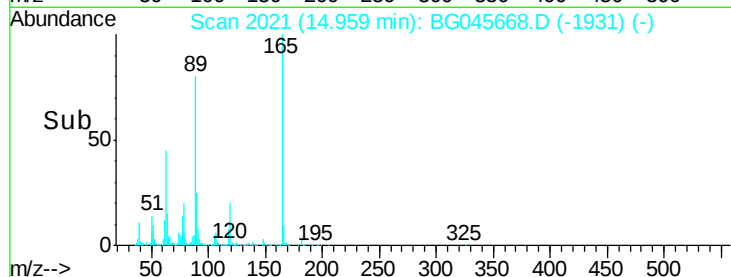
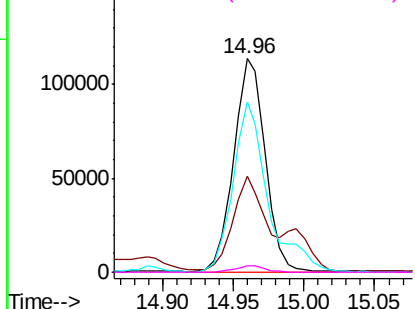
#57
2,4-Dinitrotoluene
Concen: 40.608 ng
RT: 14.96 min Scan# 2021
Delta R.T. -0.00 min
Lab File: BG045668.D
Acq: 9 Jun 2020 17:47

Instrument :
BNA_G
ClientSampleId :
VE-4-11MSD

Tot Ion:165 Resp: 175104
Ion Ratio Lower Upper
165 100
63 45.1 32.5 48.7
89 79.8 61.8 92.6
182 2.9 2.3 3.5

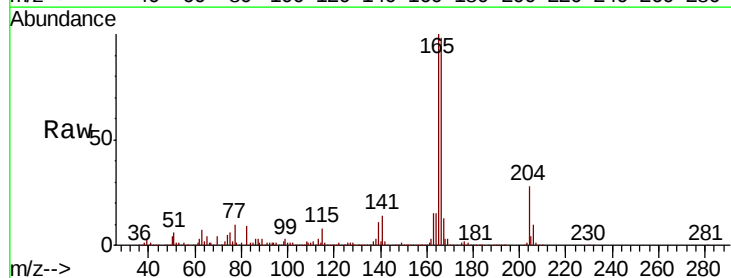


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

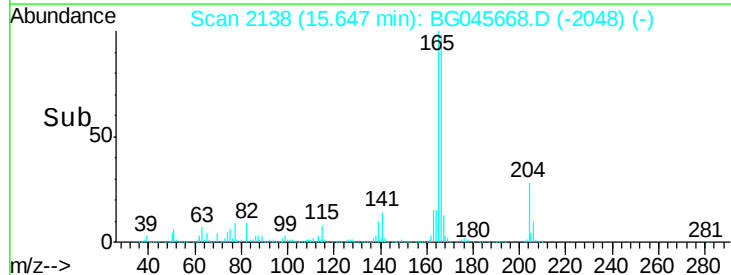
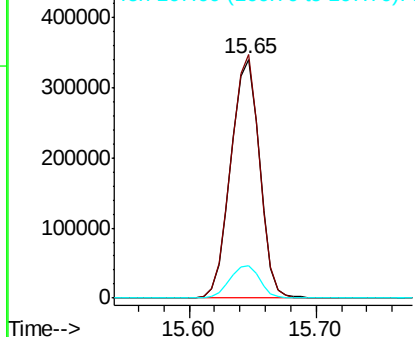


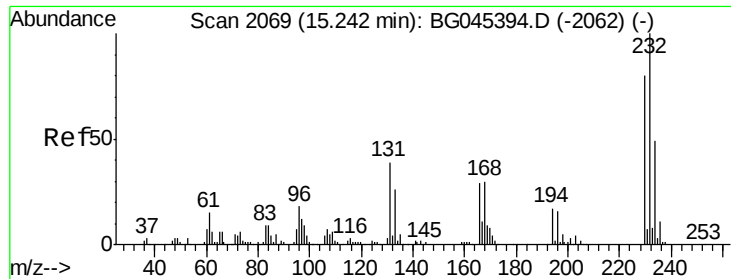
#58
Fluorene
Concen: 42.391 ng
RT: 15.65 min Scan# 2138
Delta R.T. -0.00 min
Lab File: BG045668.D
Acq: 9 Jun 2020 17:47

Tgt Ion:166 Resp: 533680
Ion Ratio Lower Upper
166 100
165 101.8 80.8 121.2
167 13.7 12.0 18.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

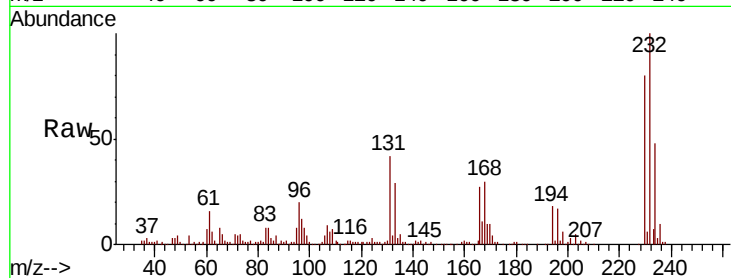




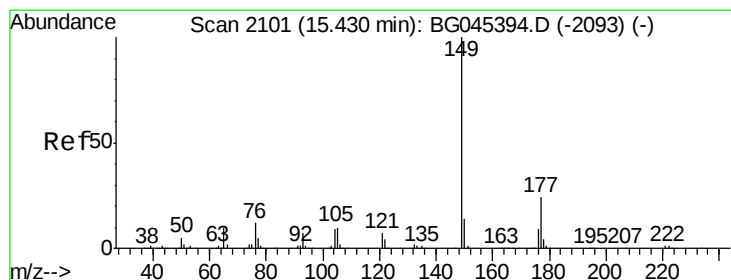
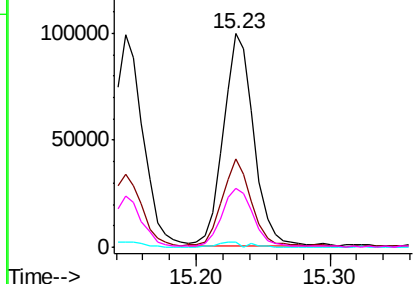
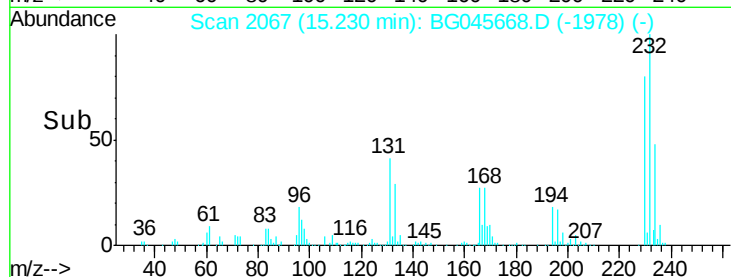
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.252 ng
 RT: 15.23 min Scan# 2067
 Delta R.T. -0.01 min
 Lab File: BG045668.D
 Acq: 9 Jun 2020 17:47

Instrument :
 BNA_G
 ClientSampleId :
 VE-4-11MSD

Tot Ion:	232	Resp:	158533
Ion	Ratio	Lower	Upper
232	100		
131	39.2	33.7	50.5
130	2.6	2.1	3.1
166	27.6	23.2	34.8

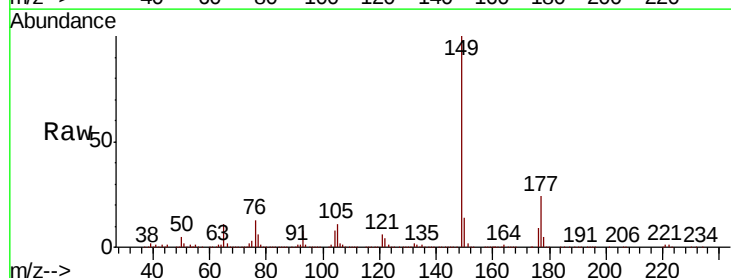


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

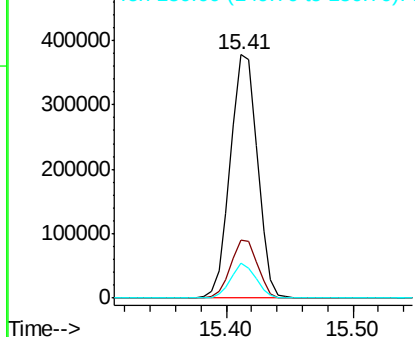
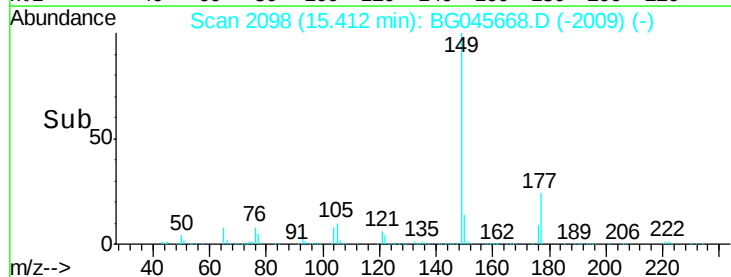


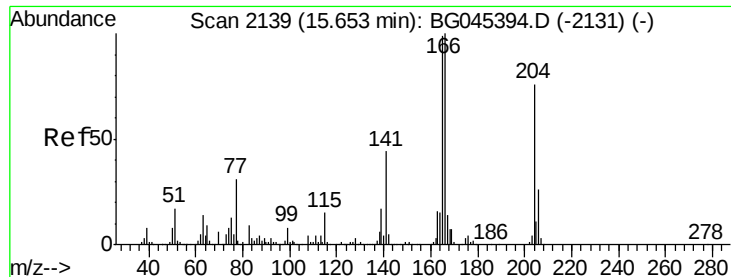
#60
 Diethylphthalate
 Concen: 40.561 ng
 RT: 15.41 min Scan# 2098
 Delta R.T. -0.01 min
 Lab File: BG045668.D
 Acq: 9 Jun 2020 17:47

Tgt Ion:	149	Resp:	557051
Ion	Ratio	Lower	Upper
149	100		
177	24.0	19.0	28.4
150	14.2	11.4	17.0



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

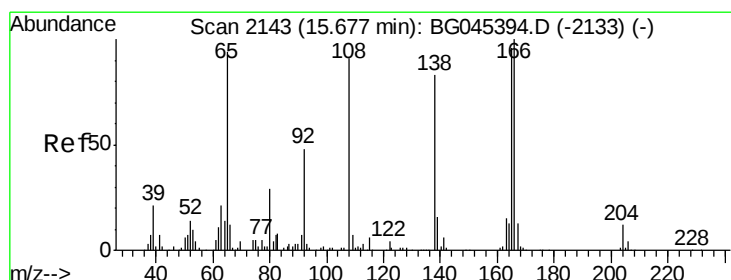
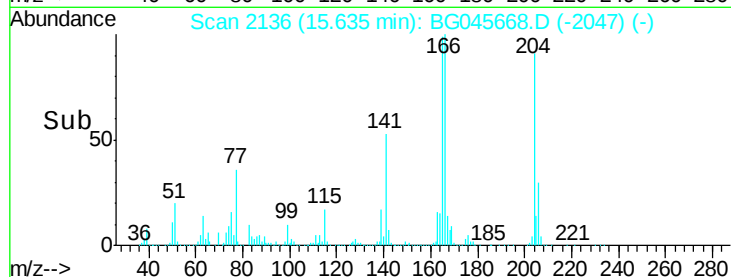
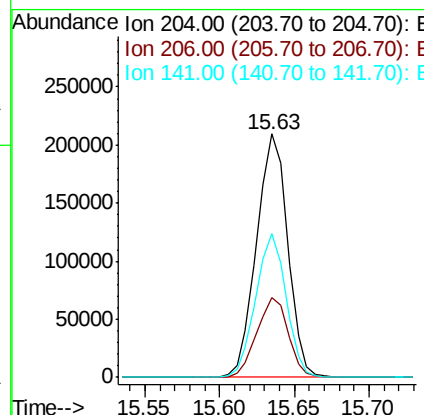
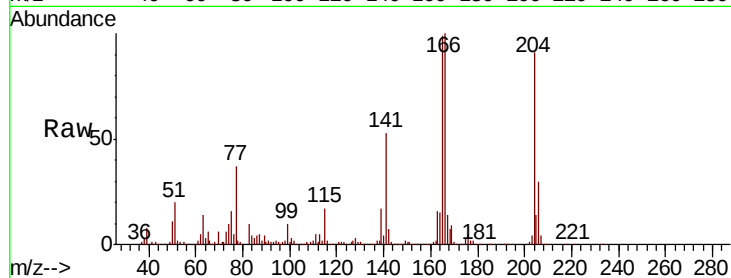




#61
 4-Chlorophenyl-phenylether
 Concen: 41.865 ng
 RT: 15.63 min Scan# 2136
 Delta R.T. -0.01 min
 Lab File: BG045668.D
 Acq: 9 Jun 2020 17:47

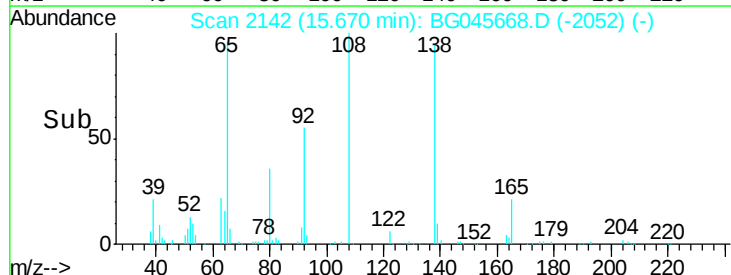
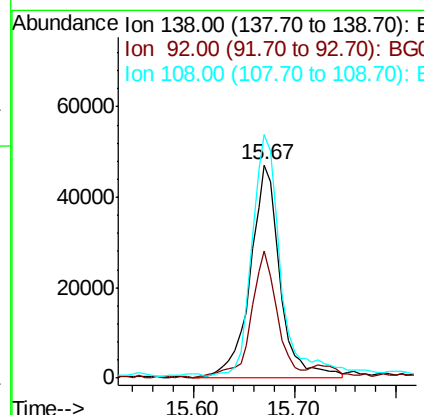
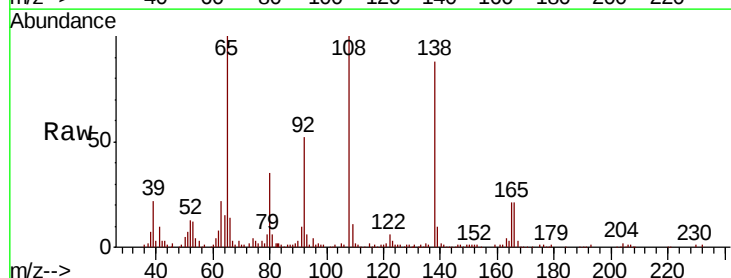
Instrument :
 BNA_G
 ClientSampleId :
 VE-4-11MSD

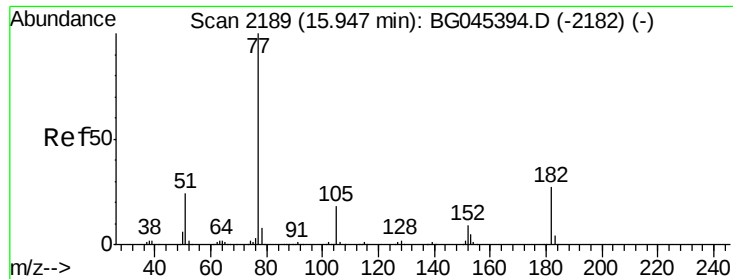
Tot Ion:204 Resp: 301602
 Ion Ratio Lower Upper
 204 100
 206 32.9 27.3 40.9
 141 59.0 45.9 68.9



#62
 4-Nitroaniline
 Concen: 29.978 ng
 RT: 15.67 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: BG045668.D
 Acq: 9 Jun 2020 17:47

Tgt Ion:138 Resp: 94724
 Ion Ratio Lower Upper
 138 100
 92 59.7 38.0 78.0
 108 114.0 89.3 129.3

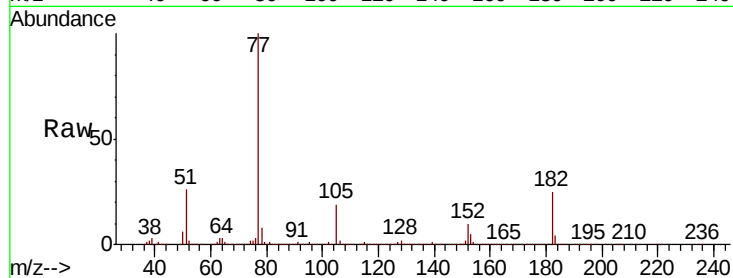




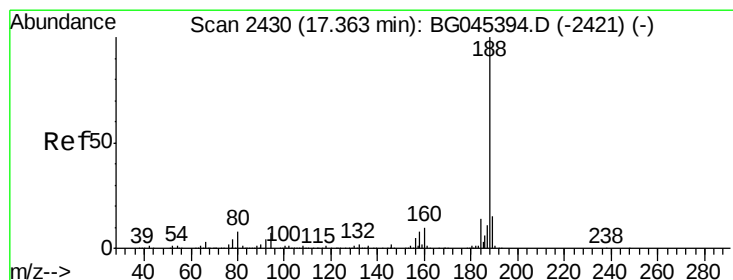
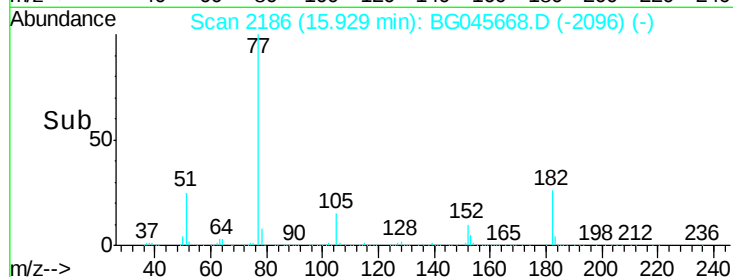
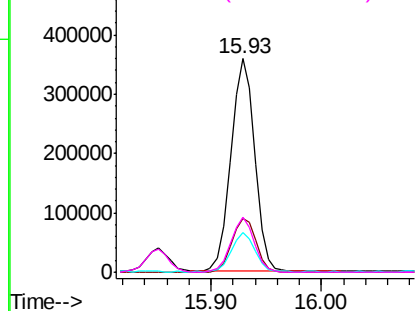
#63
Azobenzene
Concen: 42.379 ng
RT: 15.93 min Scan# 2186
Delta R.T. -0.00 min
Lab File: BG045668.D
Acq: 9 Jun 2020 17:47

Instrument :
BNA_G
ClientSampleId :
VE-4-11MSD

Tot Ion: 77 Resp: 542695
Ion Ratio Lower Upper
77 100
182 25.5 6.5 46.5
105 18.7 0.0 37.9
51 25.8 4.1 44.1

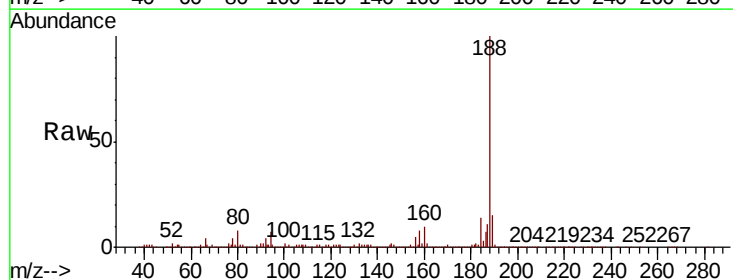


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

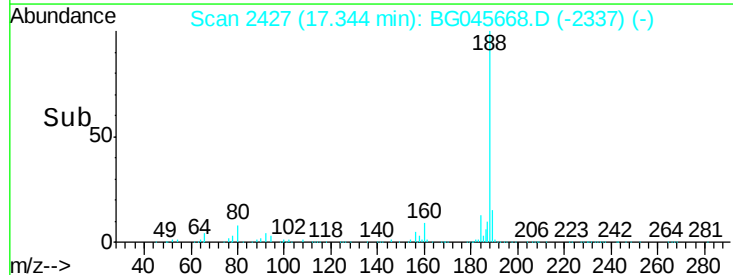
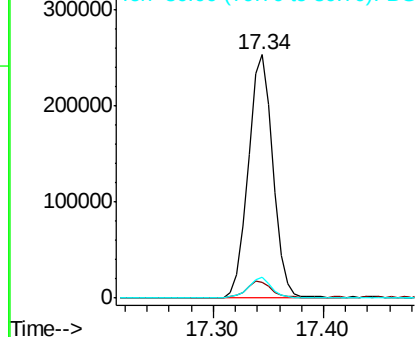


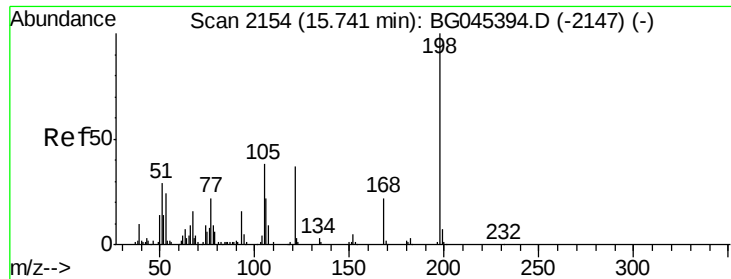
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.34 min Scan# 2427
Delta R.T. -0.00 min
Lab File: BG045668.D
Acq: 9 Jun 2020 17:47

Tgt Ion: 188 Resp: 395117
Ion Ratio Lower Upper
188 100
94 6.5 5.5 8.3
80 8.4 6.6 10.0



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

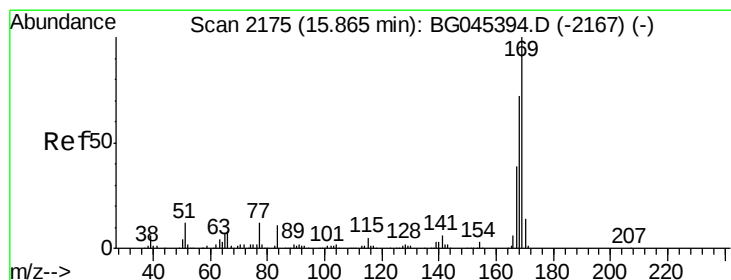
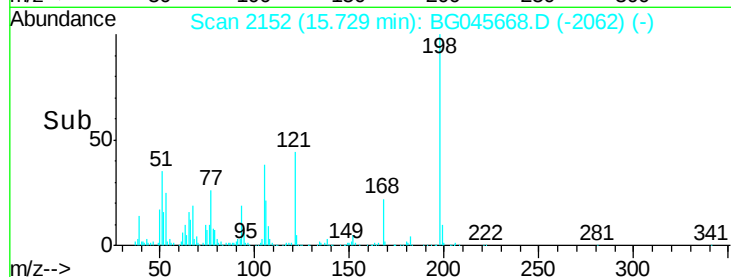
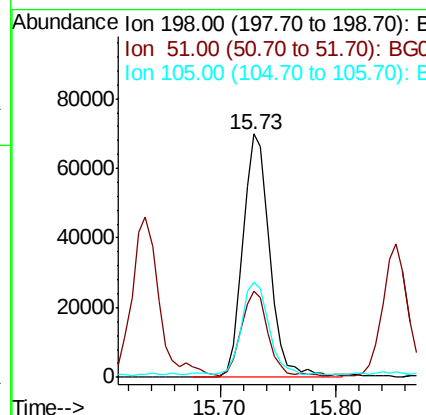
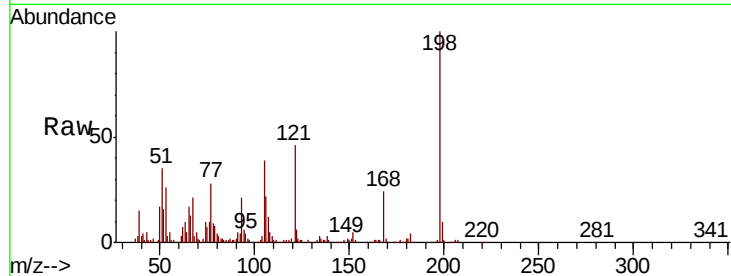




#65
 4,6-Dinitro-2-methylphenol
 Concen: 48.856 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. -0.00 min
 Lab File: BG045668.D
 Acq: 9 Jun 2020 17:47

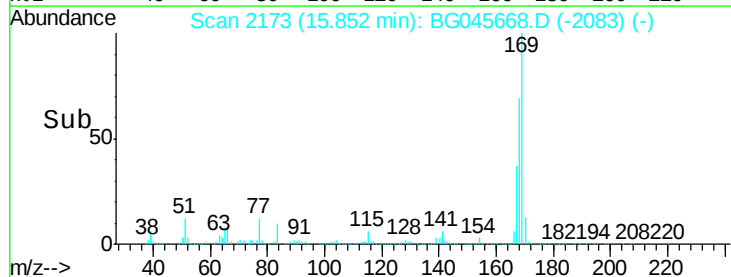
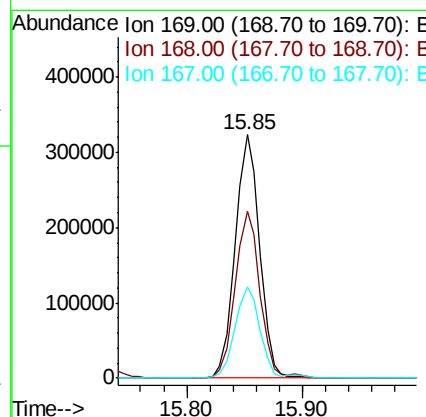
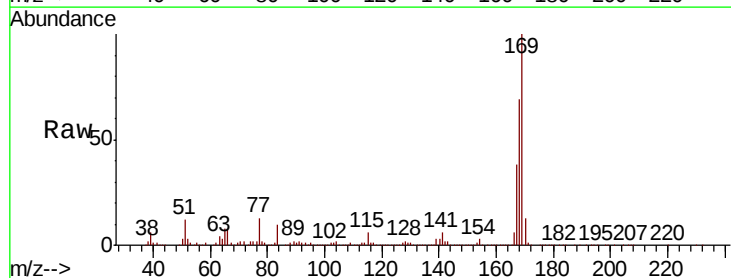
Instrument :
 BNA_G
 ClientSampleId :
 VE-4-11MSD

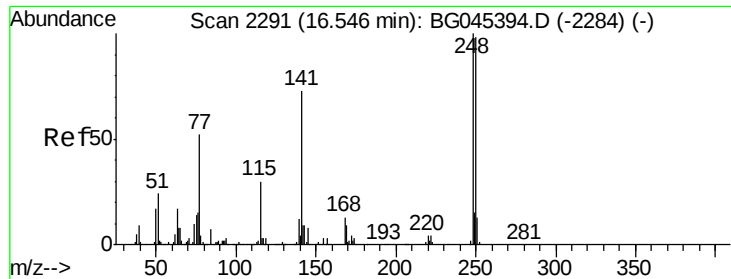
Tot Ion	Ratio	Lower	Upper
198	100		
51	35.1	10.0	50.0
105	39.3	18.9	58.9



#66
 n-Nitrosodiphenylamine
 Concen: 49.764 ng
 RT: 15.85 min Scan# 2173
 Delta R.T. -0.00 min
 Lab File: BG045668.D
 Acq: 9 Jun 2020 17:47

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.6	57.8	86.6
167	37.6	31.5	47.3

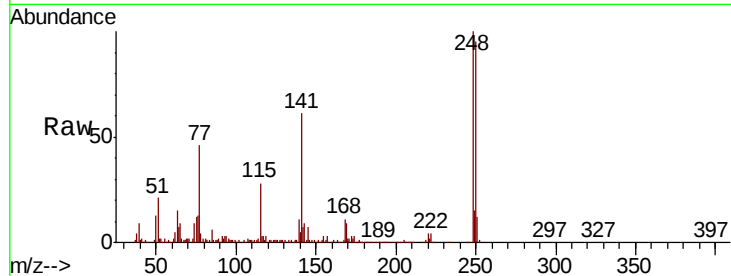




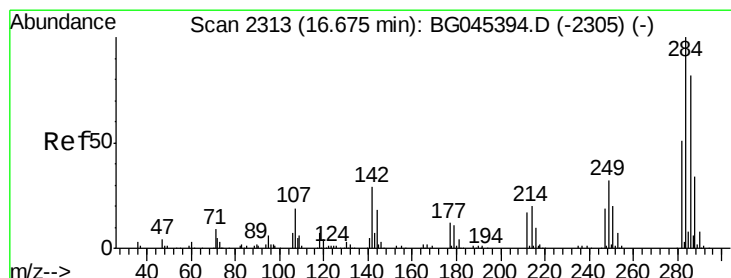
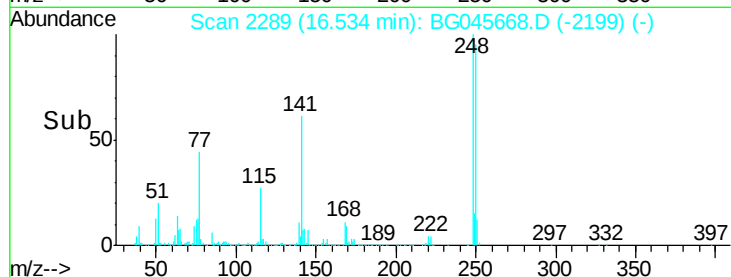
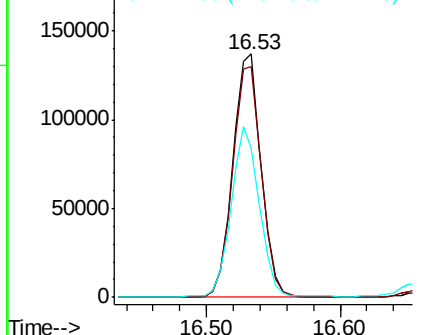
#67
4-Bromophenyl-phenylether
Concen: 47.093 ng
RT: 16.53 min Scan# 2289
Delta R.T. -0.00 min
Lab File: BG045668.D
Acq: 9 Jun 2020 17:47

Instrument :
BNA_G
ClientSampleId :
VE-4-11MSD

Tot Ion:248 Resp: 201484
Ion Ratio Lower Upper
248 100
250 94.8 78.6 117.8
141 61.0 58.2 87.2

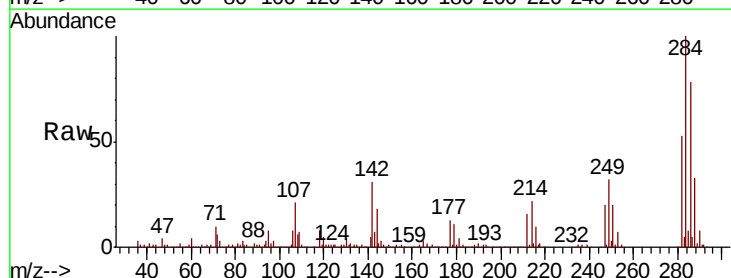


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

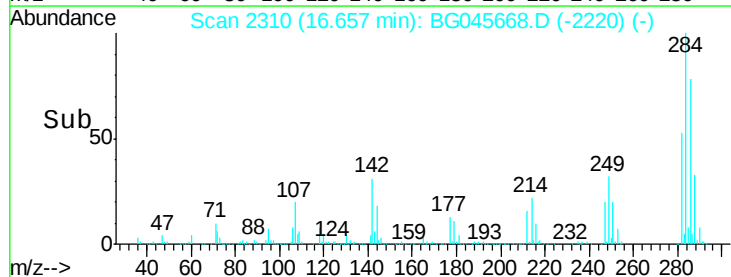
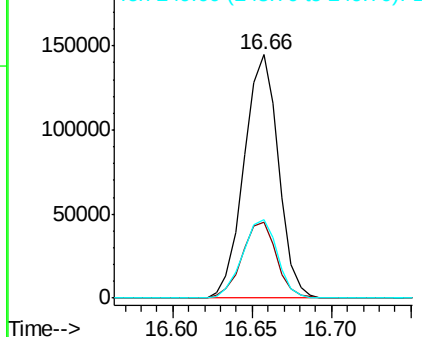


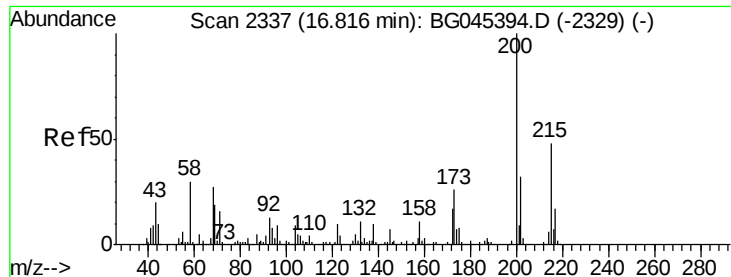
#68
Hexachlorobenzene
Concen: 48.725 ng
RT: 16.66 min Scan# 2310
Delta R.T. -0.00 min
Lab File: BG045668.D
Acq: 9 Jun 2020 17:47

Tgt Ion:284 Resp: 218039
Ion Ratio Lower Upper
284 100
142 31.1 23.0 34.6
249 32.0 25.8 38.6



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 38.082 ng

RT: 16.82 min Scan# 2337

Delta R.T. 0.01 min

Lab File: BG045668.D

Acq: 9 Jun 2020 17:47

Instrument :

BNA_G

ClientSampleId :

VE-4-11MSD

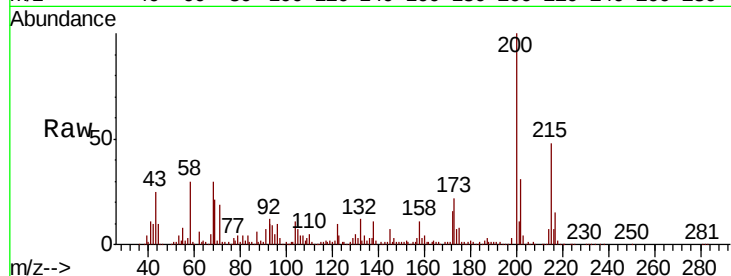
Tot Ion:200 Resp: 148806

Ion Ratio Lower Upper

200 100

173 22.4 5.5 45.5

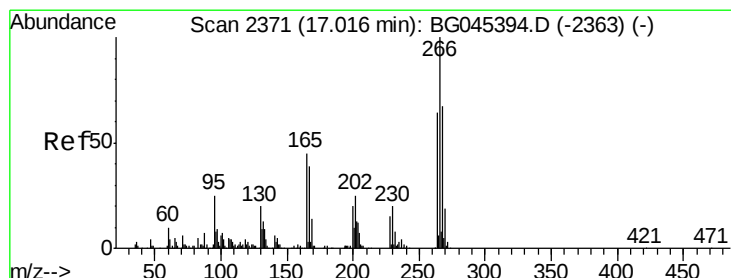
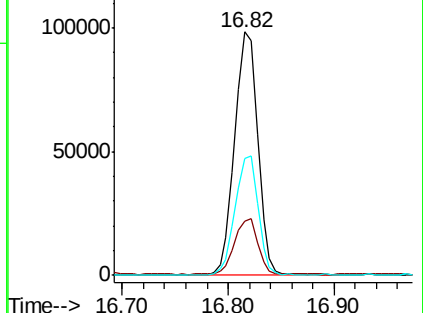
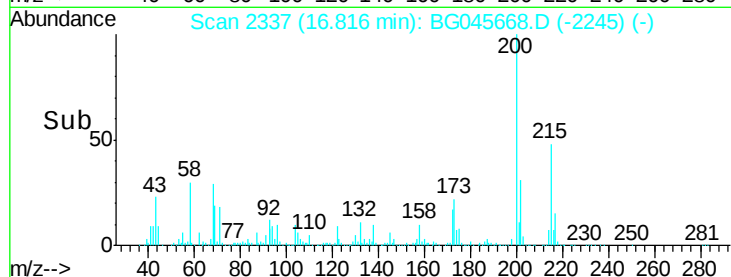
215 47.9 28.2 68.2



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 96.749 ng

RT: 17.01 min Scan# 2370

Delta R.T. 0.01 min

Lab File: BG045668.D

Acq: 9 Jun 2020 17:47

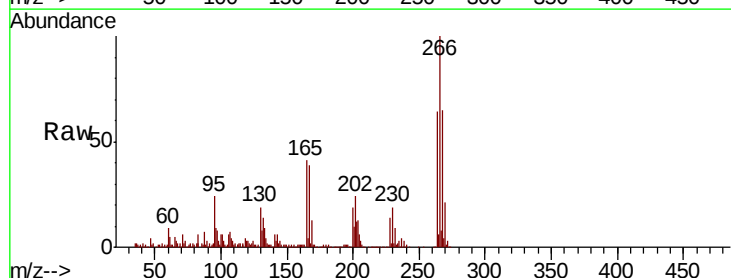
Tgt Ion:266 Resp: 224801

Ion Ratio Lower Upper

266 100

268 65.5 53.2 79.8

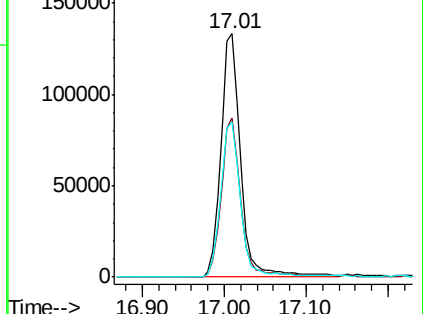
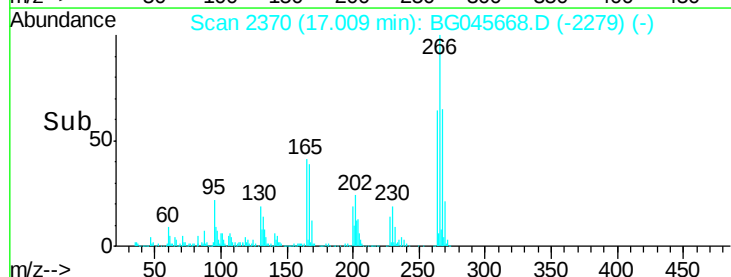
264 63.8 51.0 76.4

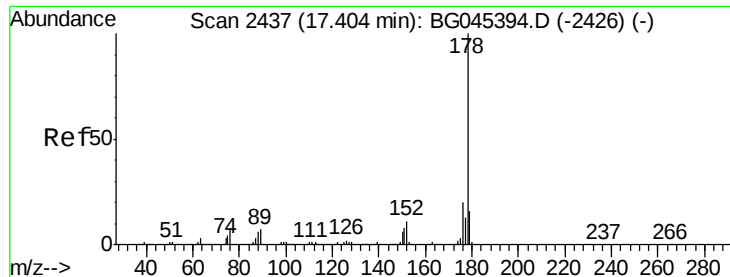


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

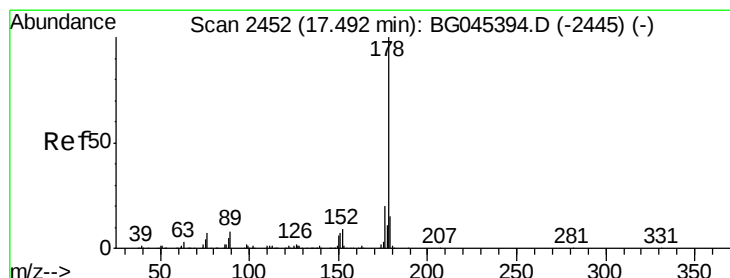
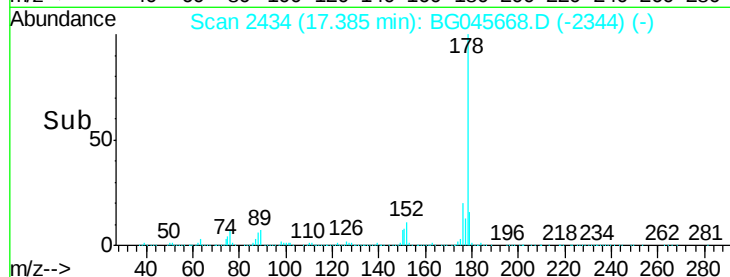
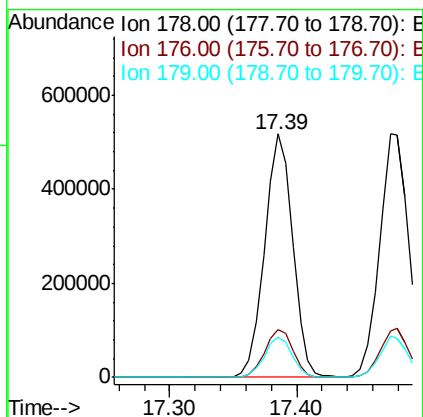
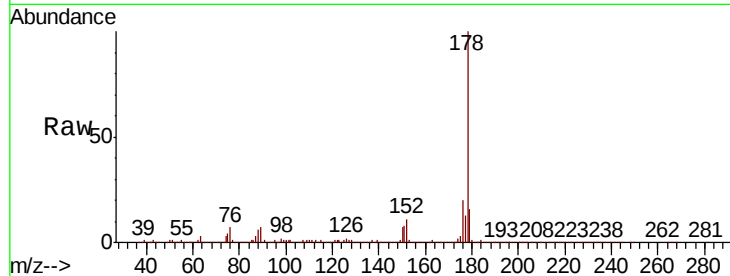




#71
Phenanthrene
Concen: 46.087 ng
RT: 17.39 min Scan# 2434
Delta R.T. -0.00 min
Lab File: BG045668.D
Acq: 9 Jun 2020 17:47

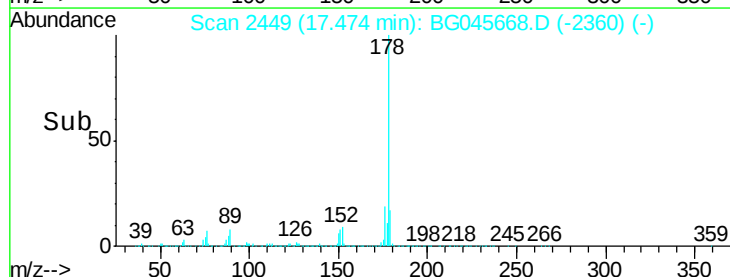
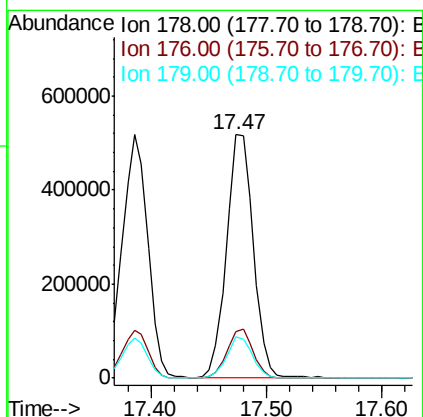
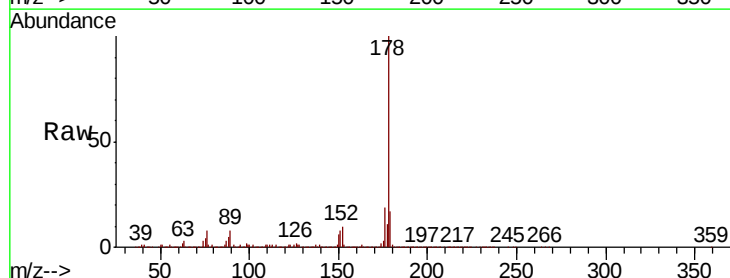
Instrument :
BNA_G
ClientSampleId :
VE-4-11MSD

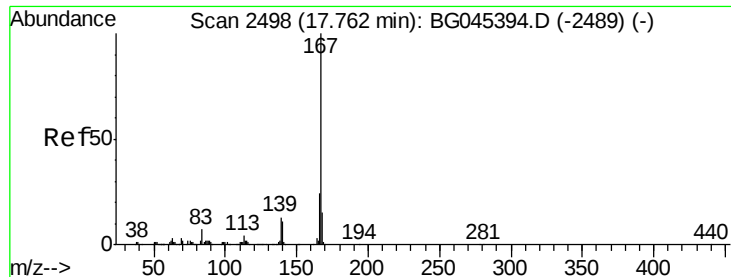
Tot Ion:178 Resp: 794959
Ion Ratio Lower Upper
178 100
176 19.6 16.2 24.4
179 16.2 13.1 19.7



#72
Anthracene
Concen: 47.796 ng
RT: 17.47 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BG045668.D
Acq: 9 Jun 2020 17:47

Tgt Ion:178 Resp: 827932
Ion Ratio Lower Upper
178 100
176 19.1 15.8 23.6
179 16.9 12.2 18.4





#73

Carbazole

Concen: 42.765 ng

RT: 17.75 min Scan# 2496

Delta R.T. -0.00 min

Lab File: BG045668.D

Acq: 9 Jun 2020 17:47

Instrument :

BNA_G

ClientSampleId :

VE-4-11MSD

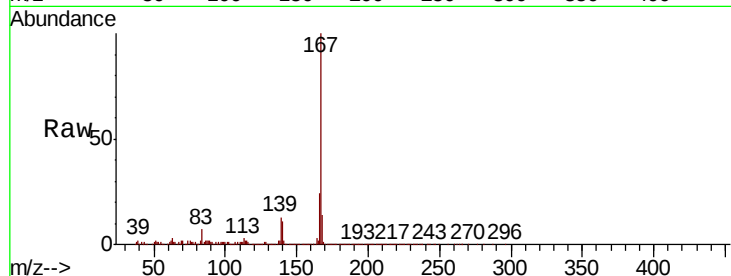
Tot Ion:167 Resp: 722080

Ion Ratio Lower Upper

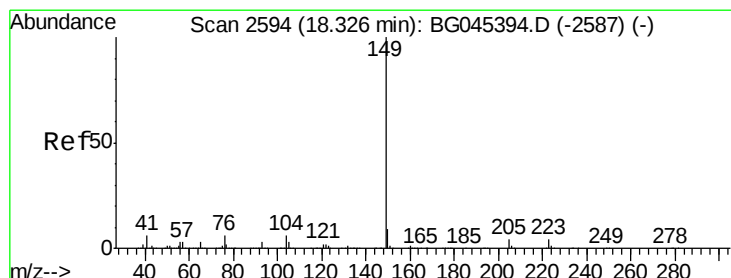
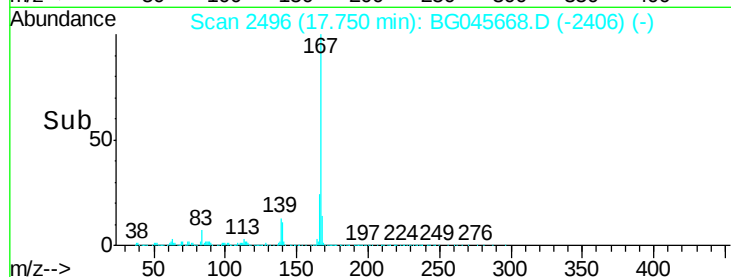
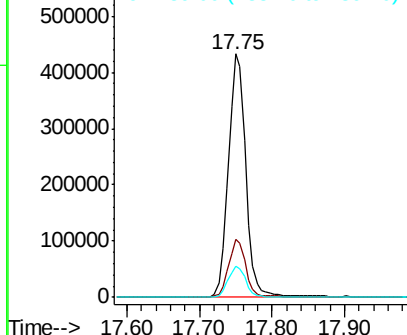
167 100

166 23.7 19.2 28.8

139 13.0 10.6 16.0



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 41.810 ng

RT: 18.31 min Scan# 2591

Delta R.T. -0.00 min

Lab File: BG045668.D

Acq: 9 Jun 2020 17:47

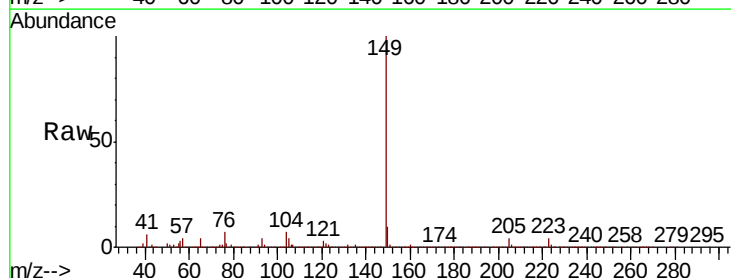
Tgt Ion:149 Resp: 847323

Ion Ratio Lower Upper

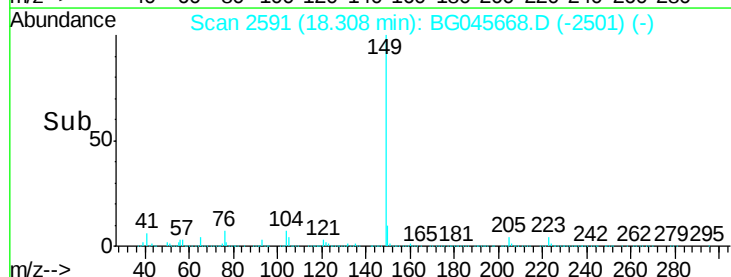
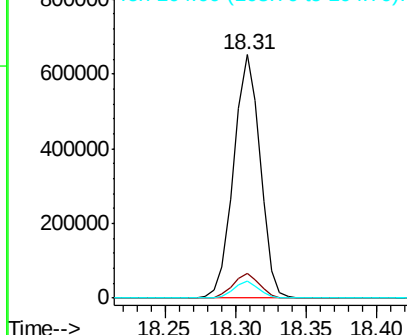
149 100

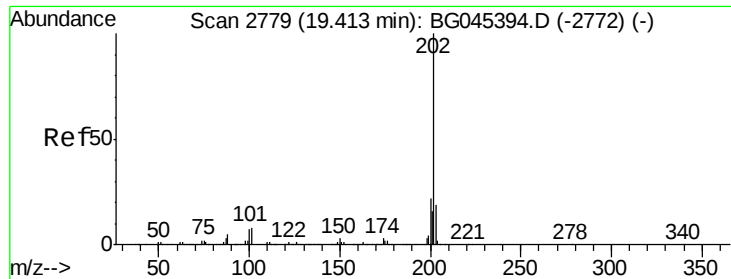
150 10.2 7.6 11.4

104 7.0 5.0 7.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 41.418 ng

RT: 19.40 min Scan# 2777

Delta R.T. -0.00 min

Lab File: BG045668.D

Acq: 9 Jun 2020 17:47

Instrument :

BNA_G

ClientSampleId :

VE-4-11MSD

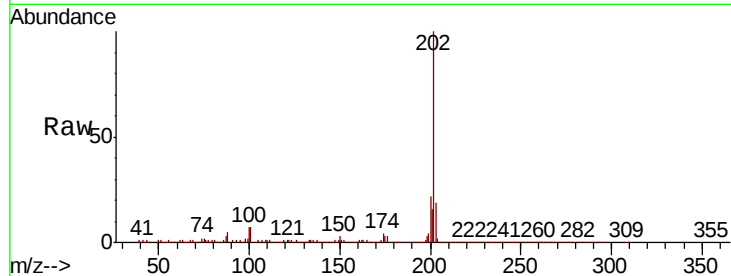
Tot Ion:202 Resp: 908693

Ion Ratio Lower Upper

202 100

101 7.3 0.0 28.3

203 18.9 0.0 39.0

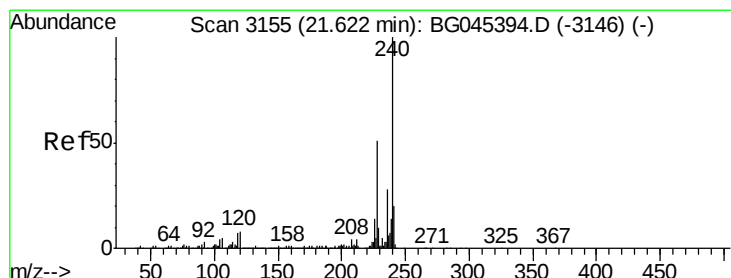
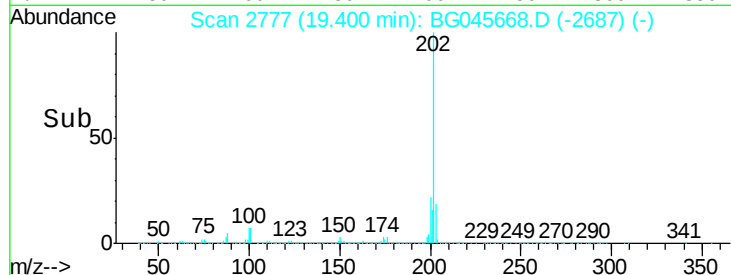
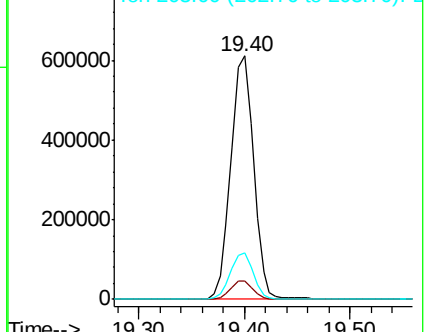


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.60 min Scan# 3152

Delta R.T. -0.00 min

Lab File: BG045668.D

Acq: 9 Jun 2020 17:47

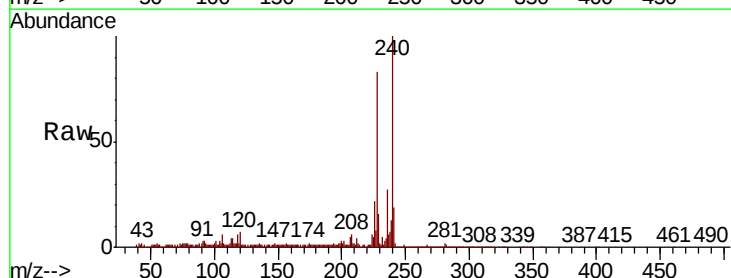
Tgt Ion:240 Resp: 355348

Ion Ratio Lower Upper

240 100

120 6.5 6.1 9.1

236 26.7 22.3 33.5

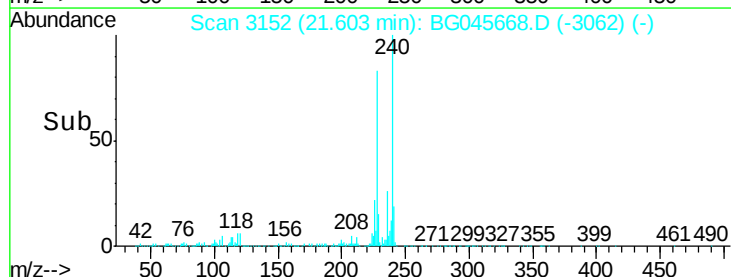
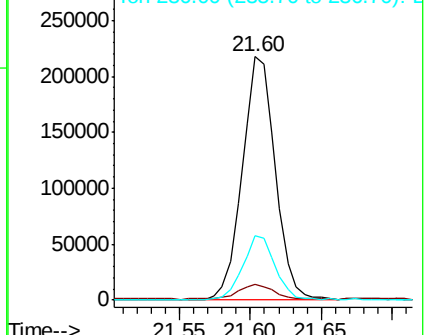


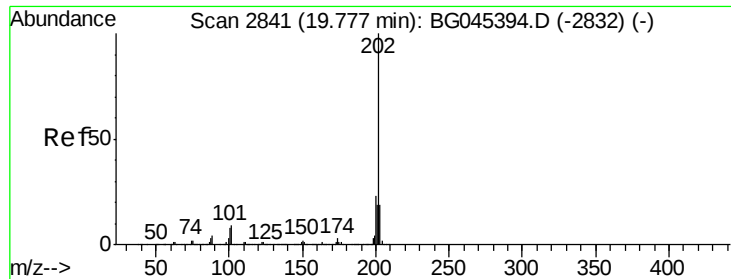
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

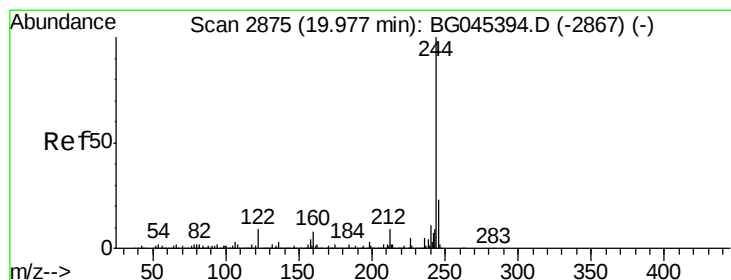
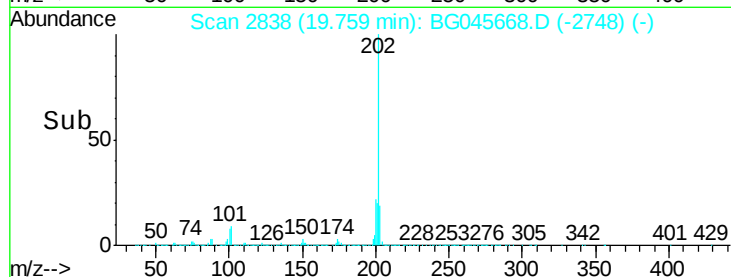
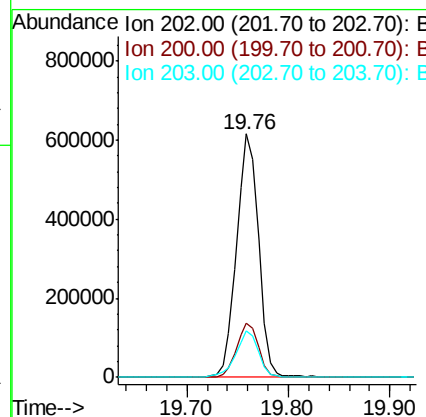
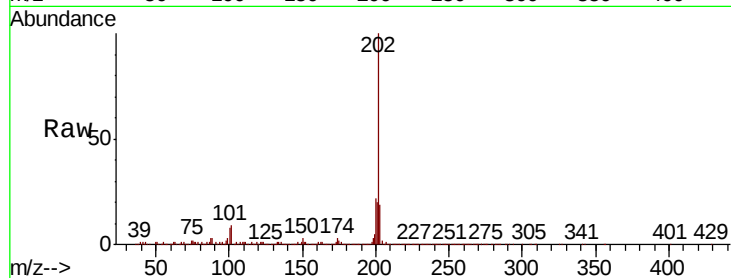




#78
Pvrene
Concen: 45.507 ng
RT: 19.76 min Scan# 2838
Delta R.T. -0.00 min
Lab File: BG045668.D
Acq: 9 Jun 2020 17:47

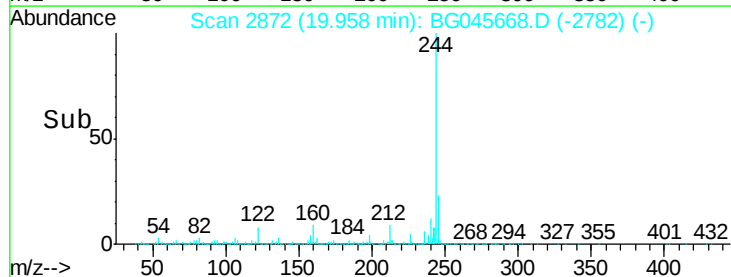
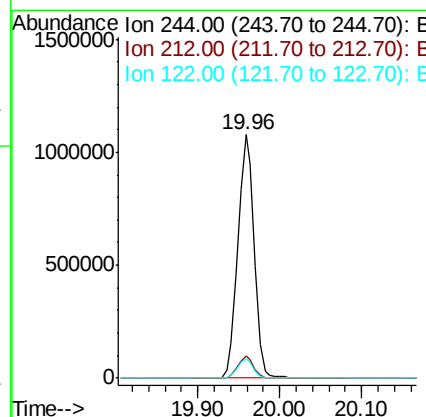
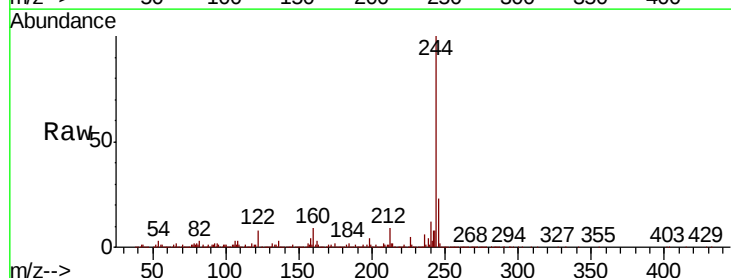
Instrument :
BNA_G
ClientSampleId :
VE-4-11MSD

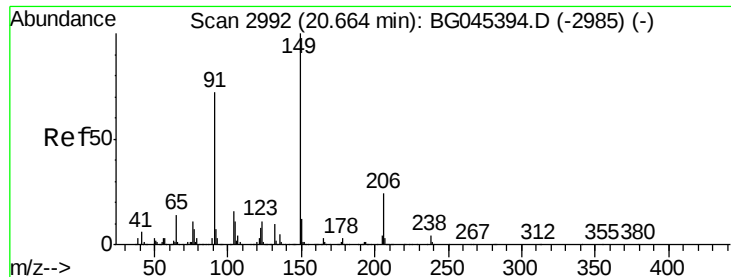
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.1	18.2	27.2
203	18.9	15.1	22.7



#79
Terphenyl-d14
Concen: 98.478 ng
RT: 19.96 min Scan# 2872
Delta R.T. -0.00 min
Lab File: BG045668.D
Acq: 9 Jun 2020 17:47

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.4	11.0
122	8.3	6.8	10.2

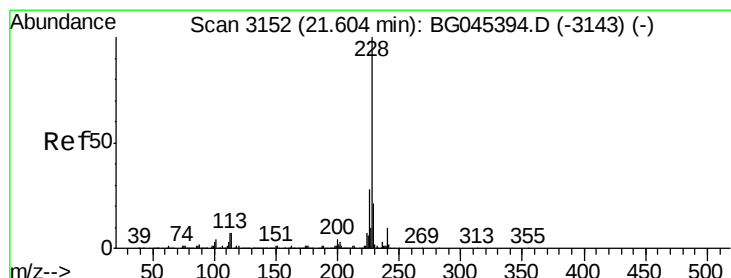
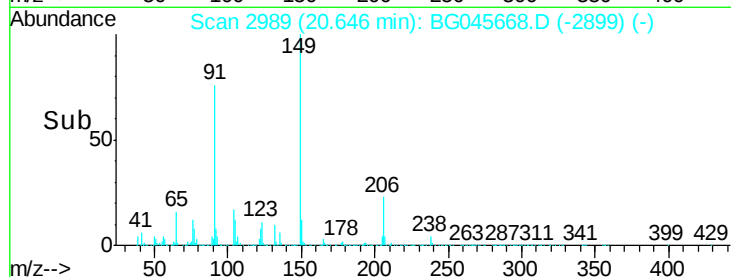
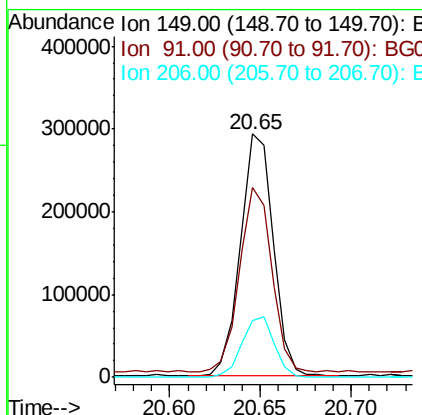
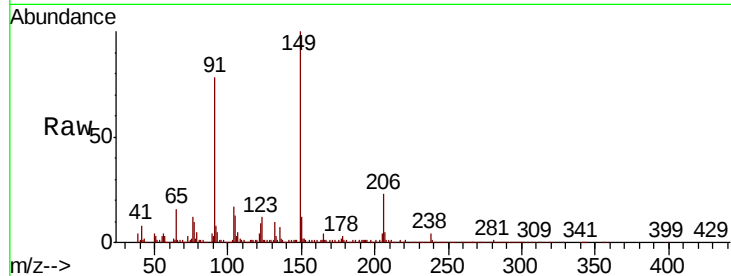




#80
Butylbenzylphthalate
Concen: 41.608 ng
RT: 20.65 min Scan# 2989
Delta R.T. -0.00 min
Lab File: BG045668.D
Acq: 9 Jun 2020 17:47

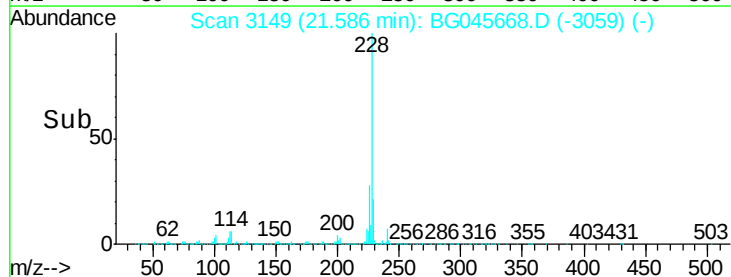
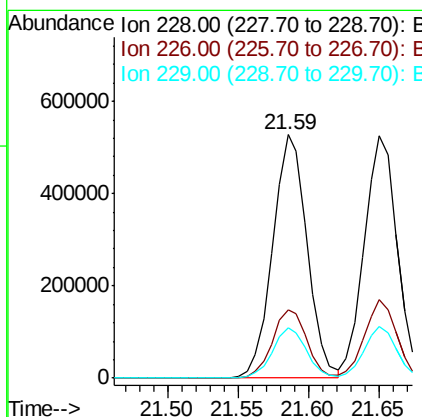
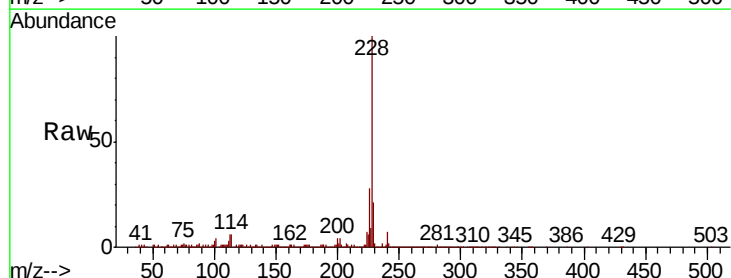
Instrument :
BNA_G
ClientSampleId :
VE-4-11MSD

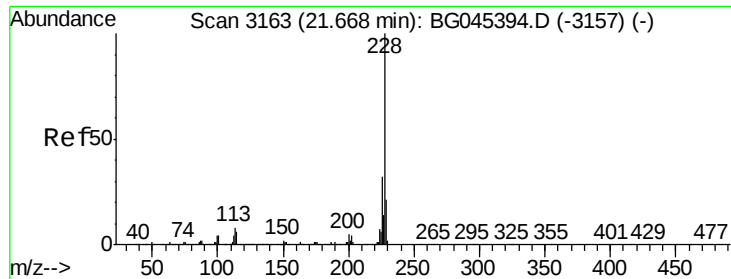
Tot Ion:149 Resp: 363793
Ion Ratio Lower Upper
149 100
91 78.0 57.8 86.6
206 23.5 19.1 28.7



#81
Benzo(a)anthracene
Concen: 45.087 ng
RT: 21.59 min Scan# 3149
Delta R.T. -0.00 min
Lab File: BG045668.D
Acq: 9 Jun 2020 17:47

Tgt Ion:228 Resp: 892511
Ion Ratio Lower Upper
228 100
226 27.8 22.7 34.1
229 20.7 16.7 25.1





#83

Chrvsene

Concen: 44.755 ng

RT: 21.65 min Scan# 3160

Delta R.T. -0.00 min

Lab File: BG045668.D

Acq: 9 Jun 2020 17:47

Instrument :

BNA_G

ClientSampleId :

VE-4-11MSD

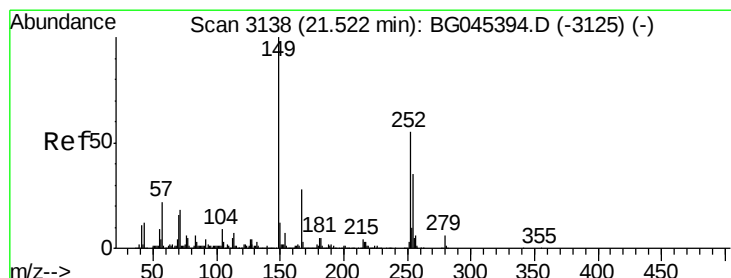
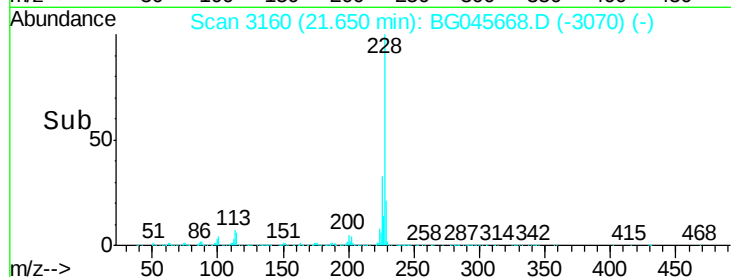
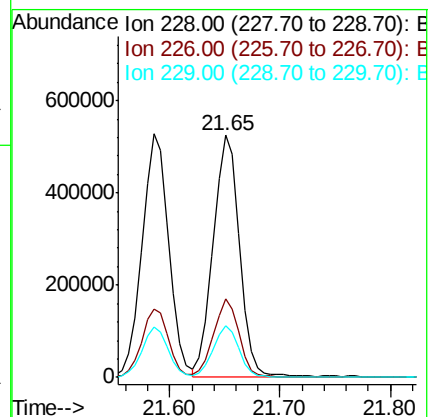
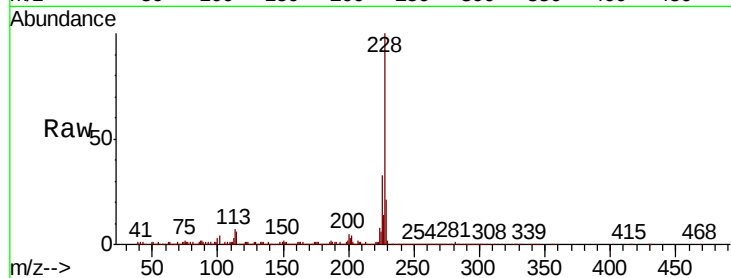
Tot Ion:228 Resp: 851858

Ion Ratio Lower Upper

228 100

226 32.7 25.2 37.8

229 21.2 16.7 25.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.380 ng

RT: 21.50 min Scan# 3134

Delta R.T. -0.00 min

Lab File: BG045668.D

Acq: 9 Jun 2020 17:47

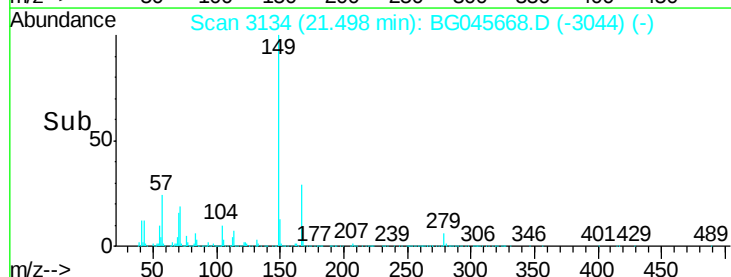
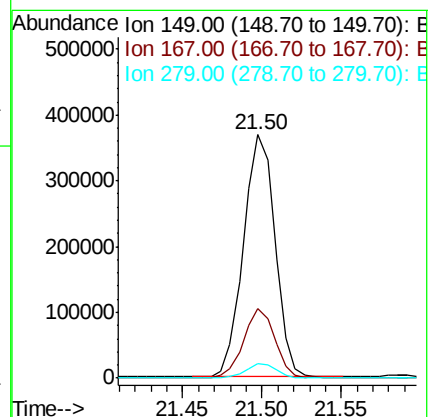
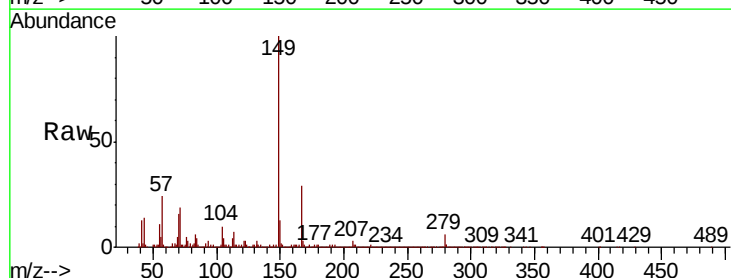
Tgt Ion:149 Resp: 509353

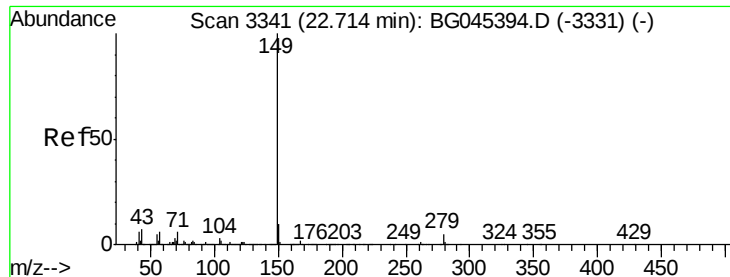
Ion Ratio Lower Upper

149 100

167 28.8 22.2 33.2

279 5.8 4.7 7.1





#85

Di-n-octyl phthalate

Concen: 40.742 ng

RT: 22.68 min Scan# 3336

Delta R.T. -0.00 min

Lab File: BG045668.D

Acq: 9 Jun 2020 17:47

Instrument :

BNA_G

ClientSampleId :

VE-4-11MSD

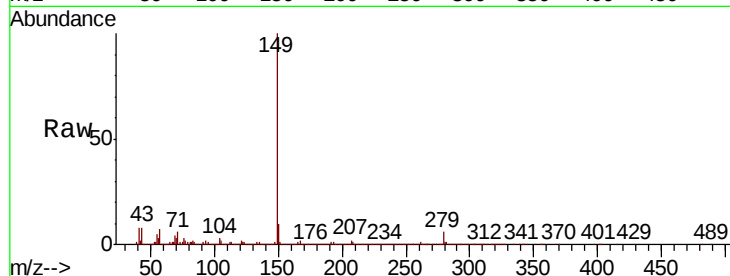
Tot Ion:149 Resp: 841021

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

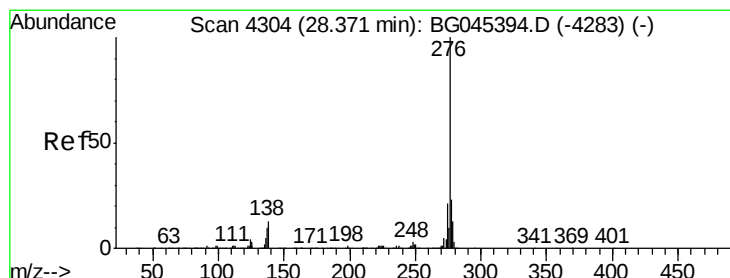
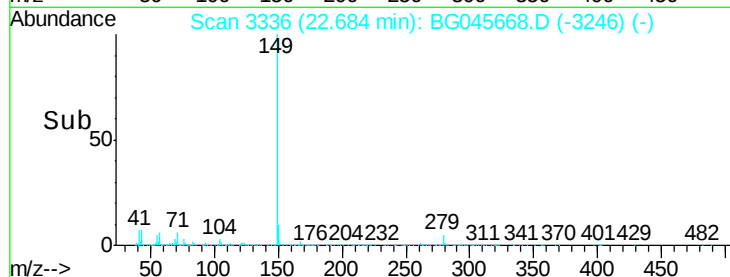
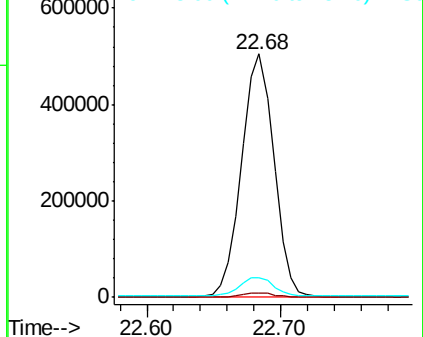
43 8.1 5.8 8.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 44.972 ng

RT: 28.33 min Scan# 4297

Delta R.T. 0.01 min

Lab File: BG045668.D

Acq: 9 Jun 2020 17:47

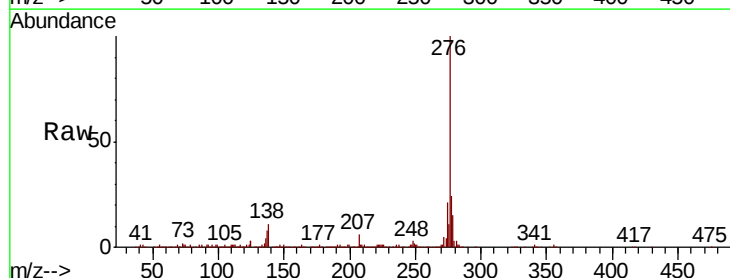
Tgt Ion:276 Resp: 1119368

Ion Ratio Lower Upper

276 100

138 6.6 8.6 12.8#

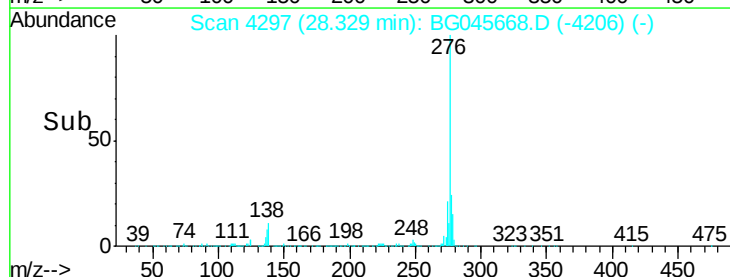
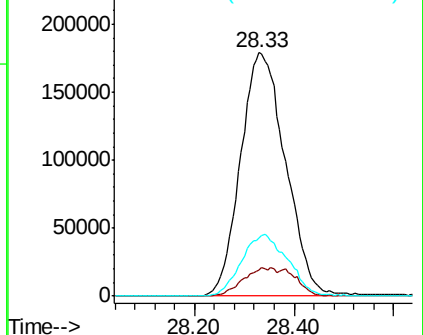
277 25.7 20.2 30.4

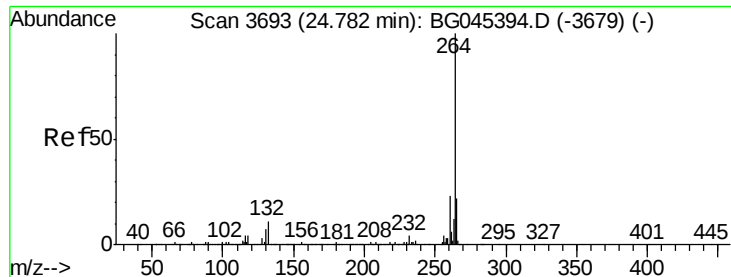


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

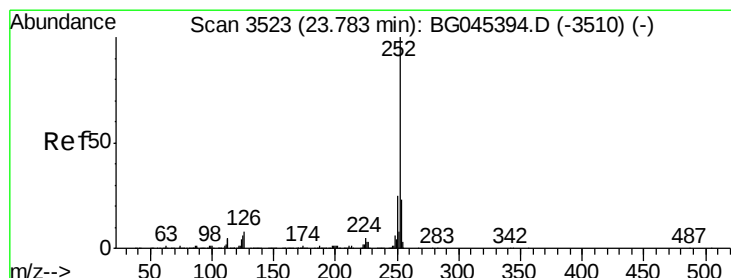
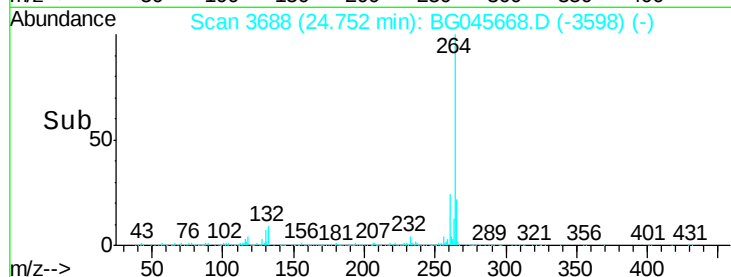
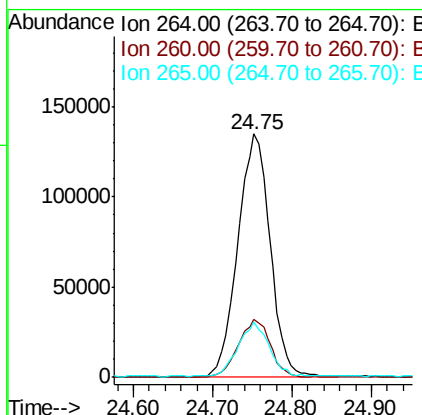
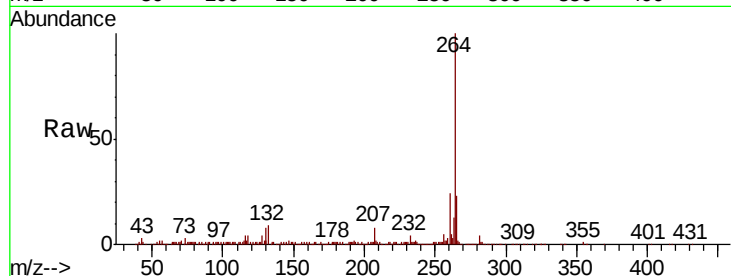




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.75 min Scan# 3688
Delta R.T. -0.00 min
Lab File: BG045668.D
Acq: 9 Jun 2020 17:47

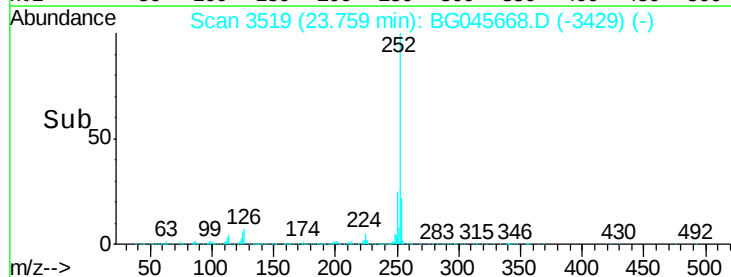
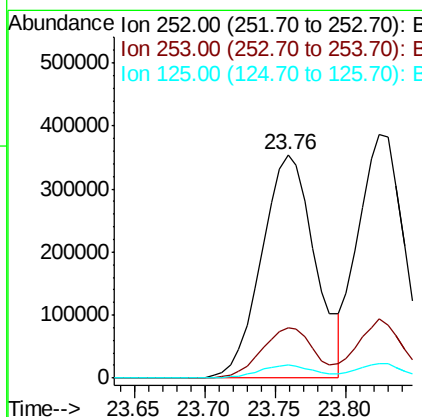
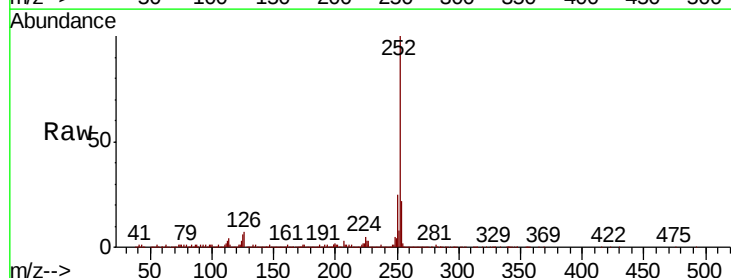
Instrument :
BNA_G
ClientSampleId :
VE-4-11MSD

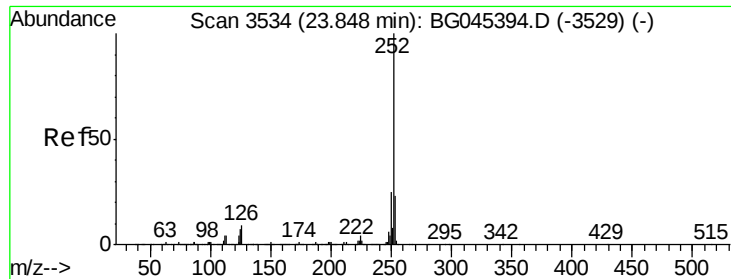
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.2	27.4
265	22.6	17.6	26.4



#88
Benzo(b)fluoranthene
Concen: 45.852 ng
RT: 23.76 min Scan# 3519
Delta R.T. -0.00 min
Lab File: BG045668.D
Acq: 9 Jun 2020 17:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	5.7	5.0	7.6





#89

Benzo(k)fluoranthene

Concen: 45.684 ng

RT: 23.82 min Scan# 3530

Delta R.T. -0.00 min

Lab File: BG045668.D

Acq: 9 Jun 2020 17:47

Instrument :

BNA_G

ClientSampleId :

VE-4-11MSD

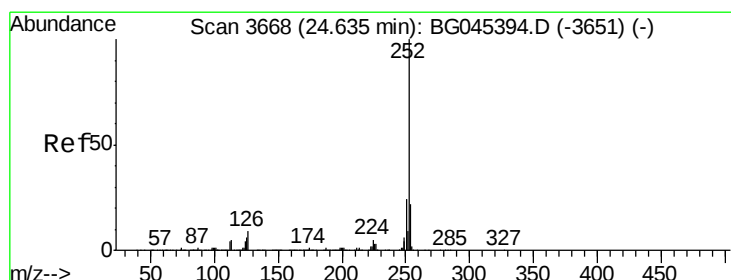
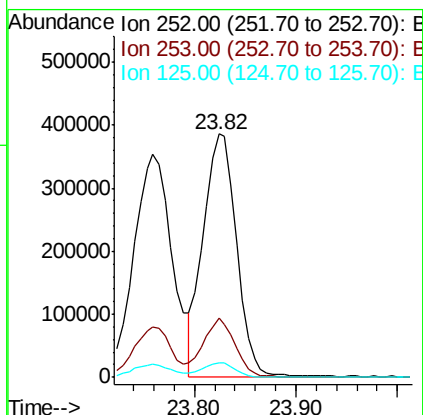
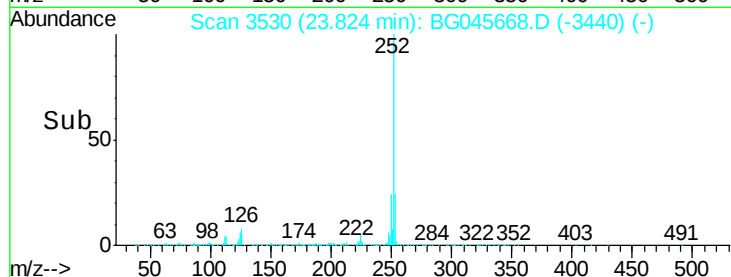
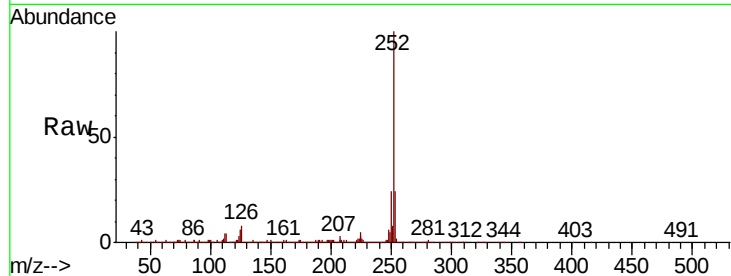
Tot Ion:252 Resp: 873286

Ion Ratio Lower Upper

252 100

253 24.3 18.4 27.6

125 6.0 5.7 8.5



#90

Benzo(a)pyrene

Concen: 44.648 ng

RT: 24.61 min Scan# 3664

Delta R.T. 0.01 min

Lab File: BG045668.D

Acq: 9 Jun 2020 17:47

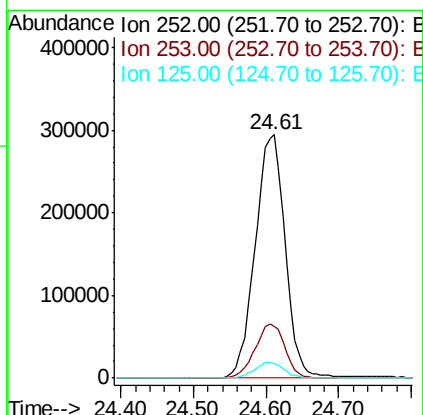
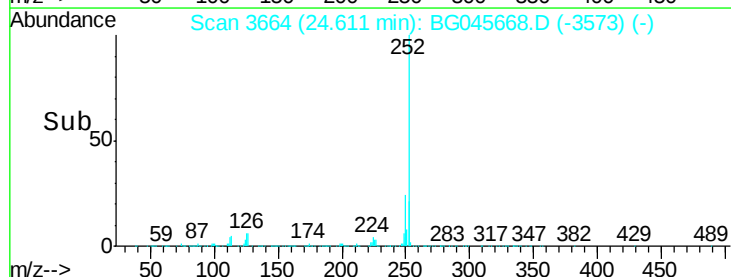
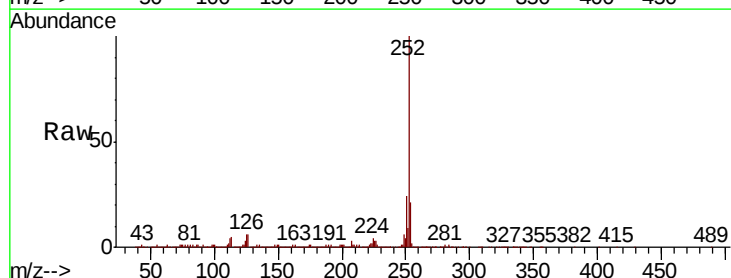
Tgt Ion:252 Resp: 846078

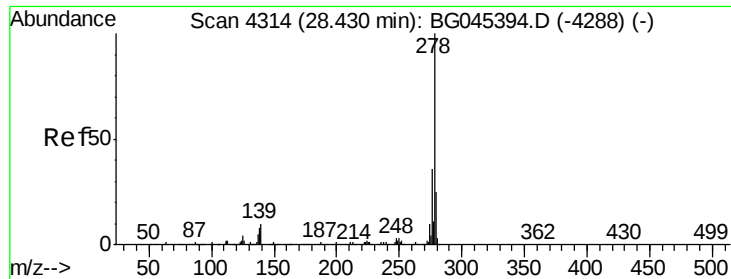
Ion Ratio Lower Upper

252 100

253 21.3 17.2 25.8

125 5.9 5.0 7.6



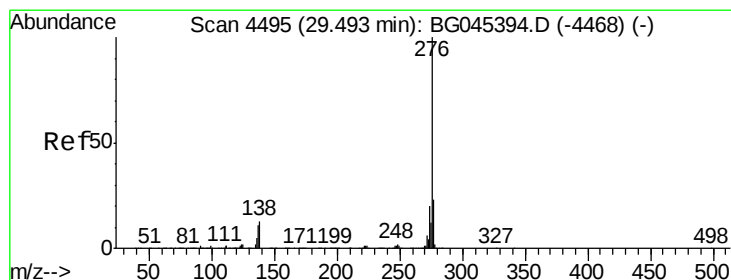
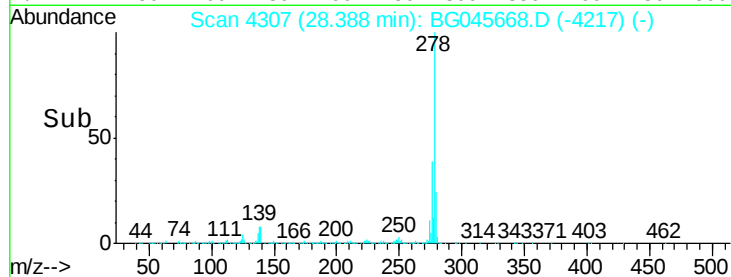
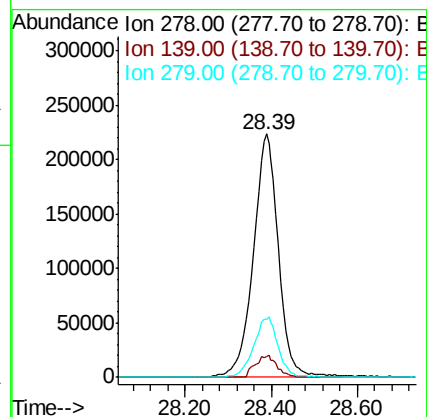
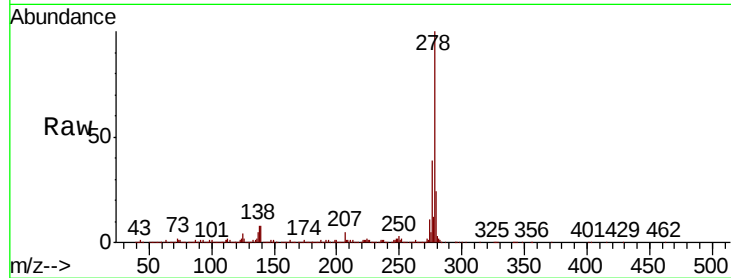


#91
Dibenzo(a,h)anthracene
Concen: 48.553 ng
RT: 28.39 min Scan# 4307
Delta R.T. -0.00 min
Lab File: BG045668.D
Acq: 9 Jun 2020 17:47

Instrument :
BNA_G
ClientSampleId :
VE-4-11MSD

Tot Ion:278 Resp: 924576

Ion	Ratio	Lower	Upper
278	100		
139	8.4	7.8	11.8
279	24.1	19.8	29.8



#92
Benzo(g,h,i)perylene
Concen: 49.159 ng
RT: 29.45 min Scan# 4487
Delta R.T. 0.01 min
Lab File: BG045668.D
Acq: 9 Jun 2020 17:47

Tgt Ion:276 Resp: 936236

Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.1	27.1
138	11.3	10.2	15.4

